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62.35 [Annual catalogue]
GEO. B. HASKELL CO.
LEWISTON, — MAINE.

1907



SEED MERCHANTS,
WOODENWARE,
AGRICULTURAL IMPLEMENTS,
DAIRY SUPPLIES,
FERTILIZERS.

SEASON OF 1907.



We wish to extend our kindest regards and wishes for an exceedingly prosperous year to all our patrons and friends. We feel certain with the unprecedented business record of the past year that you are bound to be in a better, firmer financial position than ever before.

The same conditions prevail with us as with you. Consequently we are sparing no efforts to place ourselves in a position which will enable us to rapidly and efficiently give you our services and so bring the greatest mutual benefits to both.

In giving our orders to manufacturers we have considered quality above all other requisites, but we have in no degree neglected the important matter of price and so we can assure you of every advantage which you could possibly obtain from any other dealer. Our implement line will be held at the same first quality mark as before and with the addition of several new implements manufactured expressly for us by the John Deere and Deere & Mansur Companies and especially adapted to the New England trade, we feel confident in saying that we are in a better position to serve you than ever before.

The same careful selection is employed to secure the choicest seeds and altho we do not guarantee them in any way, still a thorough test is given them before shipping out and every care exercised to insure the best possible results.

We always deem it a pleasure to have you visit us; and a privilege to be of service to you in any way and we can assure you of a deep felt appreciation for the many kindnesses extended to us in the past.

GEO. B. HASKELL CO.,

194—200 Main St.,

Lewiston, Maine.

Descriptive List of

FLOWER SEEDS

For 1907.

Postage Prepaid on all Flower Seeds in Packets at Prices Quoted.

SPECIAL INDUCEMENTS.

When the money accompanies the order, purchasers of Seeds in packets at catalogue prices may select *25 cents' worth extra packets for each \$1.00 sent.* Thus anyone enclosing \$1.00 may order seeds in packets amounting to \$1.25. Two dollars sent to us with the order will pay for seeds in packets amounting to \$2.50, and so on. This offer does *not* include seeds in collections, by weight or measure, bulbs, plants, or anything *excepting seeds in packets.*

Plants are generally known and described as Annuals, Biennials, and Perennials. The term annual is applied to plants which flower and ripen their seeds the same season. Hardy annuals are those which may be sown in the open ground. Half hardy annuals are those which should be started in the house and transplanted to the garden. The term biennial is applied to plants which flower the second season after planting and then perish. The term perennial is applied to plants which flower the second season after planting, and continue to flower year after year.

	Pkt.
ACROLINIUM.	
This interesting annual is one of the most valuable and beautiful Everlasting flowers. For winter bouquets the flowers should be cut before fully expanded.	
Flore Pleno —Double pink,	5
Flore Albo —Double white	5

ADONIS.	
Showy, popular border flowers, remaining a long time in bloom.	
Aestivalis —"Flos Adonis." Flowers scarlet. Hardy annual. 1 ft.	5
AGERATUM.	

Highly prized for bedding out, and valuable for winter blooming indoors. Half-hardy annual.	
Little Derrit —Lovely azure blue shade, very free blooming, excellent dwarf variety for bedding, 6 inches.	
	5

	Pkt.
ALYSSUM.	
Very hardy, free blooming dwarf plants, all the varieties growing freely in common soil. The pretty, fragrant flowers are much prized for bouquets; excellent for the summer garden.	
Alyssum. Sweet—White, free blooming, fragrant. Hardy annual. 6 inches.	5

AMARANTHUS.	
Ornamental foliage. Very striking and effective decorative plants. Sow early, and set out young plants early in June. Annual.	
Tricolor. Mixed.—Carmine scarlet. Splendid variety. 4 to 5 ft.	5

AMPELOPSIS —(Quimquefolia).	
See Virginia Creeper.	
AMPELOPSIS —(Veitchii).	
See Boston Ivy.	

Asters--Tall Varieties.

SEMPLER BRANCHING.

A superior and free flowering class. The flowers are large with graceful wavy petals on long stem. Excellent for cutting. Height 3 ft.

	Pkt.
White.	10
Lavender.	10
Crimson.	10
Purple.	10
Mixed.	10

AMERICAN BRANCHING.

A free growing Aster of robust, erect habit, producing large, feathery blossoms resembling Japanese Chrysanthemums. One of the finest for cutting. Height 3 ft.

Mixed.	5
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NEW GIANT COMET.

Flowers of this new variety are of the same size as Giant Comet, but the plant is of a pyramidal, branching habit, thus rendering it more floriferous.

Mixed.	10
White.	10
Rose Pink.	10
Crimson.	10
Lavender.	10
Purple.	10



Peony Flowered Aster.

PEONY FLOWERED PERFECTION.

The finest form of incurved Aster, splendid for exhibition and popular for both florists' and private use. The plants are about two feet in height, with flowers usually four inches across, very double, and of fine globular form.

Pkt.

White,	10
Lilac,	10
Blood Red,	10
Bright Red,	10
Dark Blue,	10
Light Blue and White,	10
Mixed,	10

Asters--Dwarf Varieties.

CHRYSANTHEMUM.

Snow White,	10
Dark Crimson,	10
Coppery Purple,	10
Mixed,	10



Dwarf Asters.

ALL SORTS.

Finest Mixed,	10
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QUEEN OF THE MARKET.

Two or three weeks earlier than the earliest kinds; of branching habit. Fine for cutting or bunching.

White,	5
Crimson,	5
Light Pink,	5
Light Blue,	5
Deep Dark Red,	5
Lavender,	5
Mixed,	5

ANTIRRHINUM—(Snapdragon).

Beautiful, hardy, free blooming plants for summer and fall. Annuals.

Tall.—Finest mixed. Self colored and striped sorts. 2 ft.	5
White.	5
Lilac.	5
Yellow.	5
Crimson.	5

BALSAM.

Beautiful plants for the summer garden. Of fine pyramidal form, thickly studded with large flowers of rich shades. They should be started early in heat and transplanted. We offer the finest strains in cultivation. Annuals.



Double Finest Mixed, 5 Pkt.

BALSAM—(Perennial).

See Impatiens.

BACHELOR'S BUTTON.

See Centaurea.

BELLIS—(Perennis flore Pleno).

Double Daisy. A favorite spring-flow-
ering perennial, producing charming ef-
fects when planted with Pansies, Forget-
Me-Nots or Silene. They are easily rais-
ed from seed, flowering in autumn if sown
in spring, although it is better to sow
in July or August in cold frames and plant
them out the following April.

Longfellow—Dark Rose, 10
Snowball—White, 10
Mixed, 10
California Daisy, 10

BOSTON OR JAPANESE IVY.

Handsome, well known decorative Ivy.
35 to 50 ft. 5

BROWALLIA.

Elegant, free flowering, half-hardy an-
nuals for house or garden; growing about
eighteen inches in height, with Verbena-
like flowers; excellent for cutting. Seeds
started in July will give fine plants for
winter blooming in the greenhouse for
which they are valuable. For summer
blooming they may be sown under glass
in March, or in the open ground in May.

Fine Mixed, 5

BUTTERFLY FLOWER.

See Schizanthus.

CALIFORNIA POPPY.

See Eschscholtzia.

Pkt.

CALENDULA—(Marigold).

Vigorous, hardy, free-flowering annuals,
with large, flat, double flowers; valuable
for growing in light soils, or dry situa-
tions. They are useful as cut flowers,
and are frequently grown under glass dur-
ing winter for cutting. 1 ft.

Meteor.—Double orange yellow striped
with primrose,..... 5
Prince of Orange, 5
Double Mixed, 5

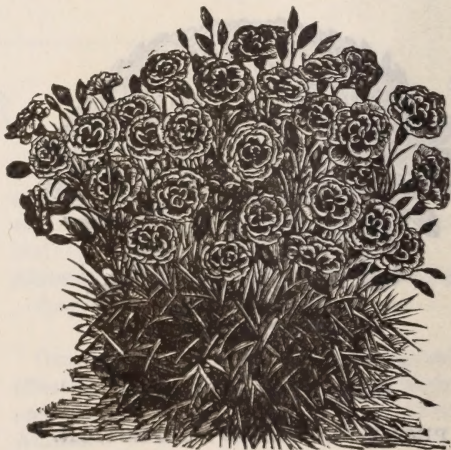
CALLIOPSIS OR COREOPSIS—(Perennial
Varieties).

These frequently bloom the first year
from seed sown in the spring; it is more
satisfactory, however, to sow in July or
August, protecting the plants with coarse
straw or pine boughs during winter. They
will flower profusely the following sum-
mer. Height, 2 ft.

Mixed, 5

CARNATIONS—(Marguerite).

The earliest of all Carnations, bloom-
ing in July or August if sown in spring
and continuing till frost. Being half-
hardy perennials, a slight protection of
coarse straw or pine boughs will preserve
them during winter and they will flower
profusely the next summer, or they may
be potted to bloom during winter in the
house. The flowers are large, about
eighty per cent. usually coming double;
beautifully fringed, and clover scented.



Carnations Marguerite.

Giant White, 10
Giant Rose, 10
Giant Red, 10
Giant Yellow, 10
Giant Violet, 10
Giant Mixed, 10

CHABAUD PERPETUAL.

Pkt.

This race is the result of hybridizing the Marguerite Carnation with the French "Remontant." It is about two weeks later than the Marguerite, producing splendid double flowers continuously.

Finest Mixed, 15

CASTOR OIL PLANT.

See Ricinius.

CELOSIA, OR COXCOMB.

Showy annuals of easy cultivation; producing large, brilliant, comb-like flower heads. They prefer a light soil, and should not be allowed to become crowded if a dwarf habit is desired.

Mixed, 5

CHINESE PINKS.

See Dianthus.

CHINESE PRIMROSE.

See Primula Chinensis.

CHRYSANTHEMUM—(Annual Varieties).

Showy, hardy annuals of easiest cultivation and blooming early in summer. They are most desirable for seashore and mountain gardens. Height, 2 ft.

Double Yellow, 5

Double White, 5

Double Mixed, 5

**CENTAUREA—(Flowering Annuals. Imperialis).**

Giant Corn Flower. The flowers are of enormous size; fragrant, and of the most charming colors, including white, pink, lilac, rose and purple. They are among our best summer flowers for cutting.

Marguerite.—White, 5

Mixed, 5

Cyanus.—Bachelor's Button, 5

CANDYTUFT—(Iberis).

Pkt.

Showy hardy annuals, growing about a foot in height. Excellent for bouquets.

Giant.—White, 5

Empress.—White, 5

Umbellata.—Rose Cardinal, 5

Lilacina.—Lilac, 5

Carmine, 5

Mixed, 5

CANNA—(Indian Shot).

The luxuriant foliage and superb flower of the Cannas, especially of the new French and Italian races, easily places them foremost among our sub-tropical bedding plants.

Crozy's Newest Mixture, 10

Nigricans.—Dark red foliage, 5

COBOEA SCANDENS.

A fine, rapid growing climber with handsome foliage and large, bell-shaped flowers, green at first, but rapidly changing to a beautiful, deep violet-blue. A well established plant will run about thirty feet in a season, covering a large veranda with handsome foliage and beautiful flowers. Tender perennial, 5

CONVOLVULUS MAJOR.

Tall Morning Glory.

Finest Mixed, 5

CONVOLVULUS MINOR.

Dwarf Morning Glory.

Finest Mixed, 5

Japanese Morning Glory, 5

COXCOMB.

See Celosia.

CYPRESS VINE—(Ipomoea Quamoclit).

Very graceful twining annuals with feathery dark green foliage and star like flowers. Twenty feet.

Scarlet, 5

DAHLIA.

This popular flower can be easily raised from seed and flowered the same season. The roots should be placed in dry sand and kept in a cellar where there is no frost during the winter.

Hybrida Pleno Fine Double Mixed, 10

Single Mixed, 5

DAISY.

See Bellis.

**DIANTHUS BARBATUS.**

See Sweet William.

DIANTHUS.

Pkt.

See also Carnations.

Chinese Mixed, 10**Heddewigii Mixed**, 10**Choice Mixture**.—For out-door culture, ... 10**ESCHSCHOLTZIA**—(California Poppy.)

The bright colors, long duration and dwarf habit of these free-blooming hardy annuals, admirably adapt them for massing and border planting. Height, 1 ft.

Californica.—Yellow, orange center, 5**Californica Alba**.—White, 5**Mixed**, 5**EVERLASTING FLOWER.**

See Helechrysum.

FLOWERING SAGE.

See Salvia.

FORGET-ME-NOT.

See Myosotis.

GIANT CORN FLOWER.

See Centaurea.

GOURDS.

Luxuriant climbing annuals, useful in covering arbors, fences or slopes, and bearing gourds which are of interesting forms and colors. 10 to 15 ft.

Mixed, 5**GYPSOPHILA**—(Infant's Breath).

Free flowering, hardy plants; extremely light and graceful, easy of cultivation, and most useful for bouquet and cut-flower work. Height, 18 inches.

Mixed, 5

Pkt.

GILLIFLOWER.

See Stock.

HEARTSEASE.

See Pansy.

HELIANTHUS—(Sunflower).

The large varieties are useful in forming backgrounds of large beds or borders and for distant effects, while the smaller sorts may be planted with scarlet Salvia, Cannas and other tall bedding plants, besides being excellent for cutting. Hardy annuals.

Diadem (New).—Flowers beautiful light lemon with black center; of the greatest value for cut flowers, 5

Double Mixed, 5**Helichrysum.****HELICHRYSUM**—(Everlasting Flower).

Showy annuals for beds or borders; useful as dried flowers for winter bouquets, for which use the blooms should be cut before they are fully open, and hung up to dry with the flowers downward if stiff stems are desired. Height, 2 ft.

Double Mixed, 5**HOLLYHOCK.**

This ever popular hardy favorite of our gardens has few rivals in majestic grandeur. The flowers have been improved in size, the fullness of the double sorts increased, and new shades obtained by hybridization and selection. The seeds we offer are saved from plants representing the highest advancement in each class. Hollyhocks succeed best in rich, well-drained soil. They should be lightly protected during winter with pine boughs, coarse straw or other mulch not liable to rot. Seeds sown in July produce fine plants for blooming the following summer. Hardy biennials; 6 to 8 ft.

Chaters Strain.—Double finest mixed, 10

HELIOTROPE.

Delightfully fragrant greenhouse perennial; excellent for bedding or indoor cultivation and particularly useful for cutting.

Giant.—Newest large flowering varieties mixed, 10
Fine Mixed, 5

HUMULUS JAPONICA—(Japanese Hop).

Splendid annual climber of fast growth and very ornamental. 12 ft. 5

HYACINTH BEAN.

Tender, climbing annual, producing clusters of brilliant flowers, 5

INDIAN SHOT.

See Canna.

INFANT'S BREATH.

See Gypsophila.

JAPANESE HOP.

See Humulus Japonica.

JAPANESE MORNING GLORY.

See Convolvulus.

LARKSPUR.

Splendid hardy annuals with showy flowers borne on long spikes; white, lilac, and all shades of blue; excellent for cutting. Height, 18 inches.

Double Tall.—Branching or stock flowerer mixed, 5

LAVENDER.

Ornamental hardy perennial, bearing long spikes of very fragrant blue flowers. 18 inches, 5

LOBELIA.

The *Erinus* varieties are most valuable for edgings, hanging baskets and vases, blooming profusely from June till frost. *Lobelia Cardinalis* and its varieties are among our most brilliant autumn flowering perennials.

Crystal Palace Compacta.—The darkest, .. 5
Mixed Varieties, 5

LOVE-LIES-BLEEDING.

See *Amaranthus Caudatus*.

MESEMBRYANTHEMUM.

Beautiful trailing annuals, useful for rockeries, edgings, and vases; particularly adapted to dry or sunny situations.

Tricolor.—Flowers bright rose, white and purple, 5

Pkt.

MARIGOLD—(*Tagetes*).

Pkt.

See *Calendula*. These handsome half-hardy annuals when well grown cannot be surpassed either in mixed borders or when grouped together. They succeed best in moderately rich soil and in open situations, and are strongly recommended where a gorgeous display in the autumn is an essential feature.

African.—Double tall mixed, 5

French.—Double tall mixed, 5

African.—Double tall yellow, 5

African.—Double pale yellow, 5



Mignonette.

MIGNONETTE—(*Reseda Odorata*).

The most fragrant annual, prized as much for forcing in winter as for the summer garden. The seed should be sown early and the plants as they grow, thinned sufficiently to allow them to branch. The beds should be liberally watered during dry weather.

Machet.—The plants are dwarf and vigorous, of pyramidal growth; they throw up numerous long broad spikes of deliciously scented red flowers; entirely distinct, 5

Parson's White.—Large spikes of bloom; the stamens of the florets are pure white and very fragrant, 5

Bird's Mammoth.—Very robust. Long spikes, 10

MORNING GLORY.

See *Convolvulus*.

MYOSOTIS—(Forget-Me-Not.)

Pkt.

Dwarf, half-hardy perennials, bearing a profusion of little, star-shaped flowers. They thrive best in rather moist shady situations. Most of them will bloom the first year from seed if sown early. If sown in July or August in shaded frames, fine plants will be obtained for spring blooming. They are very beautiful when planted in combination with late spring bulbs, Daisies, Arabis or Golden Alyssum. **Palustris.**—True Forget-Me-Not. Dark blue, very beautiful; profuse flowering, 10

NASTURTIIUMS—(Dwarf varieties).

TOM THUMB, OR DWARF.

These hardy annuals are of easiest cultivation; succeeding best in rather light soil, withstanding heat and drought and flowering profusely from June or July until cut down by severe frosts usually well into November. The dark leaved varieties are particularly adapted for ribbon beds and borders, the brilliant flowers contrasting admirably with the bronzy red foliage. Height, 1 ft.



Nasturtiums.

G. B. H. Co's. Finest Mixed.—Our special mixture of the finest sorts, in great variety of color.

Pkt. 5c; oz. 10c; ¼lb. 25c.

NASTURTIIUMS—(Tall varieties).

Pkt.

G. B. H. Co's. Finest Mixed,
Pkt. 5c; oz. 10c; ¼lb. 25c.

NICOTIANA—(Affinis).

Splendid annual producing clusters of long, white, tube-shaped flowers, fragrant towards evening. Height 3 ft., 5

Colossea.—Magnificent foliage plant, the young leaves at first tinted with red. It soon attains a height of five or six feet, with leaves often two feet in length, and a foot in width. Excellent for foliage beds, 10

Sylvestris.—Magnificent foliage plant, the glaucous leaves and large pendants, pure white, tube-shaped flowers; a very stately plant, 5



Pansy Giant.

PANSY, OR HEARTSEASE.

Too much importance cannot be attached to the culture of these beautiful plants, flowering as they do in great abundance for several months. When sown in the early spring a good display in most cases can be had in the following fall, but the best results are not obtained by so doing. To obtain fine blooms it is better to sow during summer and transplant the seedlings into cold frames in September, protecting during the winter with mats or shutters. Pansies delight in a cool, moist, well-drained soil, enriched with decomposed barnyard manure. They should never be allowed to suffer for want of water.



Pansy.

Pkt.

Giant White.—Dark Center,	10
Giant Black.—Velvety jet Black,	10
Giant Blue,	10
Giant Yellow.—Dark Center,	10
Giant Purple,	10
Giant Mixed,	10
Mixed,	5
Giant Double Fringed Mixed,	15

PAPAVER, OR POPPY.

Annual varieties. Showy hardy annual of easiest cultivation and embracing many rich and beautiful colors. The seed should be sown early in spring where intended to bloom.

Shirley.—Finest mixed. A most charming race of single Poppies with shining flowers of silky texture, varying in color from pure white and delicate pink to rosy carmine and deep crimson; many of them being beautifully striped and edged with white. The blooms if cut when young will keep in water for two or three days. Height, 2 ft., 5

White Swan,	10
Double Mixed,	5
Oriental Deep Crimson,	5



PETUNIA.

The Petunia is popular because it is of easiest cultivation, blooms from early summer continuously until frost and is one of the most showy and free-growing annuals. Height, 12 to 15 inches.

Pkt.

SINGLE FLOWERING PETUNIAS.

Hybrida.—Finest mixed,	10
Fimbriata.—Fringed. Single mixed,	15

DOUBLE FLOWERING PETUNIAS.

Double Fringed.—Extra large,	20
Double Flowered.—Fine,	15

PHLOX DRUMMONDI.

This is one of the finest annuals, being hardy, easy of cultivation and making as a summer bedding plant an effective and brilliant display. The flowers are of long duration and of most gorgeous and varied colors. Height, 1 ft.

Finest Mixed.—Splendid colors,	05
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Grandiflora Finest Mixed.—The flowers are of large size, finely rounded form, and with well defined eyes. The colors are superb, 10

PINKS.

See Carnations.

PORTULACA.

Charming dwarf annuals for sunny situations or light soils, producing flowers of most brilliant colors in great profusion. Height, 6 inches.

Grandiflora Plenissima.—Double mixed, ..	10
Grandiflora.—Fine Single mixed,	5

POPPY, (California).

See Eschscholtzia.

POPPY.

See Papaver.

PRIMULA CHINENSIS—(Chinese Primrose).

Most useful plants for conservatory and house decoration during winter and spring. They are of easy culture, although considerable care is necessary to secure successful germination of the choice sorts; the finer the flowers of a strain, the weaker its germinations. The most important condition is to keep the soil steadily and evenly moist without disturbing the seeds, which should be very lightly covered, until their germination.

Extra Fine Single.—Mixed,	10
Extra Fine Double.—Mixed,	20

SALPIGLOSSIS.

Half-hardy annuals; elegant late summer flowering plants of great diversity in color; beautifully penciled in rich tints of yellow, purple, and brownish red. Of easy culture.

Grandiflora.—Finest mixed,	10
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RHONDANTHE.

Half-hardy annuals with "Everlasting" flowers. They are beautiful for the open garden, or grown in pots for the conservatory. If required for winter use, as dried flowers, they should be cut before they are fully expanded. Height, 1 ft.

- | | |
|-------------------------|---|
| Alba.—Pure white, | 5 |
| Fine Mixed, | 5 |

RICINUS—(Castor Oil Plant).

Tender annuals of rapid and gigantic growth, producing enormous dark green or bronze-colored palmate leaves; excellent for sub-tropical beds, or for massive foliage effects on lawns or backgrounds.

- Zanzibariensis.**—Mixed. A new and distinct race from East Africa, producing leaves of enormous size, varying in color from light green to purplish red. Height, 15 ft., 5

SALVIA—(Flowering Sage.)

Very ornamental; flowers borne in spikes of fiery red, crimson or blue, and continue in bloom in open ground until after severe frosts. Start in heat and transplant into light soil one to two feet apart. Tender perennials, but bloom the first season. Height, 2 ft. to 3 ft.

- | | |
|---|----|
| Splendens. —Brilliant scarlet, | 10 |
| Coccinea. —Deep crimson, | 5 |
| Grandiflora. —Finest Double Mixed, | 5 |

SCHIZANTHUS—(Butterfly Flower).

Elegant free-flowering, hardy annuals for the garden in summer, or for pot culture in the greenhouse during winter. Height 18 inches.

- | | |
|---|---|
| Finest Mixed. —Shades of rose, scarlet, purple and white, | 5 |
| Retusus Trimaculatus. —New, purplish-carmine with bright golden yellow blotches on the three upper petals, very attractive and distinct, | 5 |

SNAPDRAGON.

See Antirrhinum.

Pkt.

STOCK—(Gilliflower).

The charming colors, delightful fragrance and free-blooming character of the Stocks have made them favorite plants for both summer and winter cultivation. They are very effective for beds and borders, and their handsome spikes are invaluable for bouquets and floral decorations.

LARGE-FLOWERING DOUBLE TEN-WEEK VARIETIES.

Highest grade, pot-grown seed. The best variety for early summer blooming, producing massive pyramidal flower spikes of brilliant colors and delightful fragrance. Height, 1 ft.

- | | |
|-----------------|----|
| White, | 15 |
| Lavender, | 10 |
| Pink, | 10 |
| Mixed, | 10 |

DRESDEN PERPETUAL BRANCHING.

Unsurpassed for floral arrangements, flowering very rich until destroyed by frost.

- | | |
|---------------------|----|
| Finest Mixed, | 10 |
|---------------------|----|

SUNFLOWER.

See Helianthus.

SWEET WILLIAM—(Dianthus Barbatus).

Showy hardy biennials of easiest culture; admirable for clumps among shrubs or borders. Height, 18 inches.

- | | |
|---|---|
| Hunt's Perfection. —Large flowered white margined in splendid variety, | 5 |
|---|---|

Pkt.

Use New Deere No. 9 2 Row Corn Planter with Check Rower.
Send for Special Catalogue.

Sweet Peas.

Our stocks are grown for us and are unsurpassed in quality. We strive constantly for purity and vitality regardless of cost.



One of Our Leaders.

CULTURE.

Early in the spring make a trench about six inches deep, in rich, mellow soil so arranged that no water can stand in it, and plant the seed at the bottom, taking care not to cover it more than two inches. All Sweet Peas, but particularly the white seeded sorts, are often a little difficult to start. If the soil is too dry, they will remain a long time without germinating; if it is too wet and cold they will not sprout at all. In soils that are at all heavy or composed largely of clay, it will generally pay

to put about two inches of sand in the bottom of the trench and to sow the seed on this, covering with more sand. Often it will be an advantage to cover the row with a board so as to shed the rain and protect the soil from the hot sun, but care should be taken to remove this as soon as the young plants cut through the soil. When the plants are about five inches high, fill up the trench and furnish some support for the vines to run upon. The flowers should be picked before they form pods, or the plants will soon stop flowering.

SWEET PEAS—CONTINUED.**WHITE.**

Sadie Burpee.—Whitest of the white, very large.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Blanch Burpee.—Pure white of superior substance, flowers large and finely formed.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Emily Henderson.—A new pure white, largest of all and an excellent sort.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

WHITE AND BLUE.

Maid of Honor.—White edged with blue.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

LIGHT YELLOW.

Mrs. Eckford.—Delicate shade of primrose yellow.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Primrose.—Color pale primrose approaching yellow.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

SHADES OF PINK.

Katherine Tracy.—Brilliant pink.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Lovely.—Soft shell pink.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Prima Donna.—Lovely shade of soft pink.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Lady Mary Currie.—Orange Pink.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Her Majesty.—Flowers large, rose colored.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Blanche Ferry.—Very popular, pink and white.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Blanche Ferry "Extra Early."—Ten days earlier than Blanche Ferry.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Painted Lady.—Old popular pink and white.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

SHADES OF RED.

Brilliant.—Bright scarlet, fine form.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Firefly.—Brilliant scarlet.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Red Riding Hood.—Rosy pink, very fragrant.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

SWEET PEAS—CONTINUED.**CLARET AND MAROON.**

Boreatton.—Very dark, deep maroon, flowers large.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Captivation.—Beautiful claret color.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Waverly.—Standards rosy claret, wings shaded blue.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Black Knight.—Deep maroon.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

LAVENDER AND MAUVE.

Countess of Radnor.—Pale mauve standards, wings pale lilac, very fine.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Dorothy Tennant.—Flowers large, rosy mauve.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Emily Eckford.—Standard reddish mauve, wings blue.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

BLUE.

Navy Blue.—Splendid dark blue.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

BLUE AND PURPLE.

Lottie Eckford.—Rose and white, edge blue.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Captain of the Blues.—Standard purple mauve, wings pale blue, first class.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

VARIEGATED.

America.—Bright red, striped.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Daybreak.—Crimson scarlet on white ground.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Gray Friar.—Beautiful watered purple on white ground.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Mrs. Joseph Chamberlain.—White flaked with bright rose.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

MIXED SWEET PEAS.

Grown from very best stock obtainable and mixed in careful studied proportions and should give most excellent satisfaction to those who do not desire to grow distinct varieties.

Choice Mixed,

Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c.

SWEET PEAS—CONTINUED.

George B. Haskell Co's. Choicest Mixed,
Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; lb. 50c.

All separate colors grown especially for us mixed by ourselves and so combined as to give the best color effect possible.

CUPID SWEET PEAS.

When the Cupid Sweet Pea was introduced, it seemed to most people that its distinct habits had so delighted its propagators that they had exaggerated its value, but continued trial demonstrates that in those localities where the conditions of soil and climate are favorable for its best development, it is even more valuable than was claimed. For growing in pots, for edgings and bedding, the Dwarf Sweet Peas are a valuable addition to our flowering plants. They require no support, but form a low, compact bush covered with large, finely formed flowers.

CULTURE.

Cupid Sweet Peas require a well drained, rich soil, and care should be taken that the seed is not covered to exceed one inch in depth, and that the surface soil does not become caked or hard. Sow in a sunny situation somewhat later than other Sweet Peas, and give each plant plenty of room. The white seeded varieties are especially liable to rot if exposed to extreme moisture. They germinate best in moist, sandy soil. If such is not available a little damp sand should be placed in the bottom of a trench and the seed imbedded in it and then covered to a depth not exceeding one inch. Place a board over the row, supported two or three inches above the soil, so as to afford protection from rain and sun. Be careful to remove the board as soon as the young plants begin to appear.

Beauty "Cupid."—White, shaded pink.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Sadie Burpee "Cupid."—Vigorous, white.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Her Majesty "Cupid."—Rosy crimson.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Countess of Radnor "Cupid."—Light lavender.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

SWEET PEAS—CONTINUED.

Bridesmaid "Cupid."—Deep pink.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Apple Blossom "Cupid."—Very pretty.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Firefly "Cupid."—Scarlet standard, pink wings.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.

Pkt.

TRUMPET FLOWER.

See Datura.

VERBENA.

The Verbena is one of the most decorative and easily grown bedding plants. If started in heat in March the seedlings begin to bloom in June and continue until frost. Plants raised from seeds are stronger and flower more freely than those grown from cuttings. Half-hardy perennials. Height, 1 ft.

Hybrida.—Fine mixed, 5

Hybrida.—Mammoth mixed, 10

Hybrida.—Extra selected; dark blue, 10

Hybrida.—Candissama. White, 10

Hybrida.—Carminea, 10

VEITCHII OR BOSTON IVY.

See Ampelopsis.

VIRGINIA CREEPER—(or American Woodbine).

See Ampelopsis. Though a common native climber this is one of the best plants for covering unsightly objects, or it may be easily trained into festoons of exceeding grace and beauty, 5

XERANTHEMUM.

Profuse blooming, hardy annuals with "Everlasting" flowers; useful for winter bouquets; colors pure white and deep purple. Height, 18 inches.

Finest Double Mixed, 5

ZINNIA.

The double flowering Zinnias, *Zinnia elegans* fl. pl., are among the finest annuals, blooming from July till frost. The flowers are large, handsome, and in a variety of colors. Of easy cultivation in common garden soil. Seed should be started in heat and transplanted. Our seed of these beautiful flowers is saved from the finest collection in Germany.

Single Mixed, 5

Double Mixed, 5

MIXED FLOWER SEEDS.

A splendid mixture of more than one hundred kinds of flower seeds at a low price. Large Package. 5

Geo. B. Haskell Co.'s

CHOICE VEGETABLE SEEDS

Delivered free at pkt., oz., $\frac{1}{4}$ lb., $\frac{1}{2}$ lb. or lb. prices.

Half pounds furnished at pound rates.

Half bushels at bushel rates.

Asparagus.

1 oz. to 50 feet of drill.

Asparagus roots may be purchased in the spring, or may be grown from seed sown early in May in drills 12 to 15 inches apart, and 2 inches deep. When plants are well up thin to about one inch apart and cultivate thoroughly during the summer. The next season place these plants in drills 3 to 4 feet apart, leaving 18 to 24 inches between the plants which should be placed from 2 to 4 inches below the surface of the bed with the roots spread out flat, all in the same direction, so they will not grow together. Dress heavily with manure the first season; and spade in 1 quart salt and 2 quarts wood ashes to each square rod the second season. A bed 15 by 50 feet requires about 100 plants. Light, sandy soil is best.

Conover's Colossal. —A well known variety. Large size and excellent quality,	<table style="margin: 0 auto;"> <tr> <td>Pkt.</td><td>Oz.</td><td>$\frac{1}{4}$ Lb.</td><td>Lb.</td></tr> <tr> <td>5c;</td><td>10c;</td><td>15c;</td><td>40c.</td></tr> </table>	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.	5c;	10c;	15c;	40c.
Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.						
5c;	10c;	15c;	40c.						
Palmetto. —Earlier than other sorts and less subject to blight,	<table style="margin: 0 auto;"> <tr> <td>5c;</td><td>10c;</td><td>25c.</td><td></td></tr> </table>	5c;	10c;	25c.					
5c;	10c;	25c.							

Asparagus Roots.

Two year old plants \$1.25 per 100.

Beans.

One quart will plant 100 feet of drill; one and one-half bushels for an acre.

A succession of sowing can be made from the first week in May. Plant in drills about two inches deep from 18 inches to 2 feet apart. Hoe only when dry, as the pods will rust badly if the leaves are disturbed when wet with dew or rain.

Beans ordered by mail are subject to an extra charge of 15 cents per quart for postage.

Butter or Wax Sorts—Dwarf or Bush Varieties.

G. B. H. Co.'s Special Improved Rust Proof Golden Wax. —One of the most delicious stringless wax bush beans grown,	<table style="margin: 0 auto;"> <tr> <td>Pkt.</td><td>Pint.</td><td>Quart.</td><td>Peck.</td></tr> <tr> <td>5c;</td><td>20c;</td><td>35c;</td><td>\$2.25.</td></tr> </table>	Pkt.	Pint.	Quart.	Peck.	5c;	20c;	35c;	\$2.25.
Pkt.	Pint.	Quart.	Peck.						
5c;	20c;	35c;	\$2.25.						
Rust Proof Butter. —Pods long, stringless, golden color, crisp and tender,	<table style="margin: 0 auto;"> <tr> <td>5c;</td><td>20c;</td><td>35c;</td><td>\$2.00.</td></tr> </table>	5c;	20c;	35c;	\$2.00.				
5c;	20c;	35c;	\$2.00.						
Currie's Rust Proof. —Pods long, flat, straight, heavy yielder, good quality,	<table style="margin: 0 auto;"> <tr> <td>5c;</td><td>20c;</td><td>30c;</td><td>\$2.00.</td></tr> </table>	5c;	20c;	30c;	\$2.00.				
5c;	20c;	30c;	\$2.00.						

BLACK GERMAN WAX—(Black Seed).

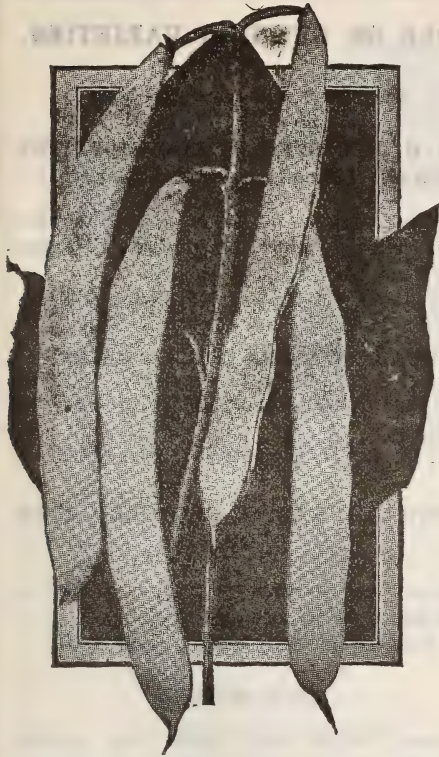
Very early; round yellow pods; a well known standard sort; popular everywhere.

Pkt. 5c; pt. 20c; qt. 30c; peck \$2.00.

REFUGEE WAX—(Keeney's Stringless).

The earliest wax variety and very prolific. Pods long, round and yellow.

Pkt. 5c; pt. 15c; qt. 25c.



DAVIS' WHITE KIDNEY WAX—(New).

Pods remarkably long, straight and of a handsome, waxy white color, enormously productive; white seed.

Pkt. 5c; pt. 20c; qt. 35c; peck \$2.00.

WARDWELL'S KIDNEY WAX.

Extra early; purely wax pods, long, flat, and remarkably free from rust.

Pkt. 5c; pt. 20c; qt. 35c; peck \$2.00.

GREEN PODDED DWARF VARIETIES.

BURPEE'S BUSH LIMA.

Beans as large as Pole Limas, perfectly dwarf and very productive.

Pkt. 5c; pt. 20c; qt. 35c; peck \$2.00.

HORTICULTURAL DWARF.

Late and productive; pods showy, great favorite in New England.

Pkt. 5c; pt. 15c; qt. 30c; peck \$2.00.

LOW'S CHAMPION BUSH.

Very productive, large green flat pods, perfectly stringless, fine shell variety. One of the best snap beans grown.

Pkt. 5c; pt. 15c; qt. 25c; peck \$1.50.



Low's Champion Dwarf Bean.

LONG YELLOW SIX WEEKS.

Pods flat and green; a leading market sort.

Pkt. 5c; pt. 15c; qt. 25c; peck \$1.25.

STRINGLESS GREEN POD.

Extra early, very prolific and entirely stringless; crisp and tender, and of fine quality.

Pkt. 5c; pt. 15c; qt. 30c; peck \$2.00.

WHITE PEA.

Pkt. 5c; qt. 10c; peck 75c.

OLD FASHIONED YELLOW EYE.

Pkt. 5c; pt. 15c; qt. 20c; peck \$1.25.

IMPROVED YELLOW EYE.

Pkt. 5c; qt. 15c; peck 80c; bu. \$3.00.

RED KIDNEY.

Pkt. 5c; pt. 10c; qt. 15c; peck \$1.00.

Use

**Deere 2 Row Corn and Bean Planter with Check Rower.
Eureka Corn and Bean 1 Horse Planter.**



Mammoth Horticultural.

POLE OR RUNNING VARIETIES.

One quart will plant 150 hills.

G. B. H. CO'S. SPECIAL KING HORTICULTURAL—(Sometimes Called Carmine).

Earlier and much larger than the older sorts. Heavy yielder, a delicious, stringless, snap bean and excellent shelled.

Pkt. 5c; pt. 20c; qt. 35c; peck \$2.00.

BLACK WAX OR INDIAN CHIEF.

A superb snap bean, pods yellow and stringless.

Pkt. 5c; pt. 20c; qt. 35c; peck \$2.00.

HORTICULTURAL OR SPECKLED CRANBERRY.

Showy and excellent either as a snap or shell bean, or for cooking dry.

Pkt. 5c; pt. 18c; qt. 30; peck \$1.75.

LAZY WIFE'S.

Beans white, pods green and entirely stringless; produces enormously.

Pkt. 5c; pt. 18c; qt. 30; peck \$1.75.

LARGE WHITE LIMA—(Extra size).

Selected stock, beans very large.

Pkt. 5c; pt. 20c; qt. 35c; peck \$2.00.

KENTUCKY WONDER.

Fine green pod sort early and productive; entirely stringless.

Pkt. 5c; pt. 15c; qt. 25c; peck \$1.50.

RED CRANBERRY POLE.

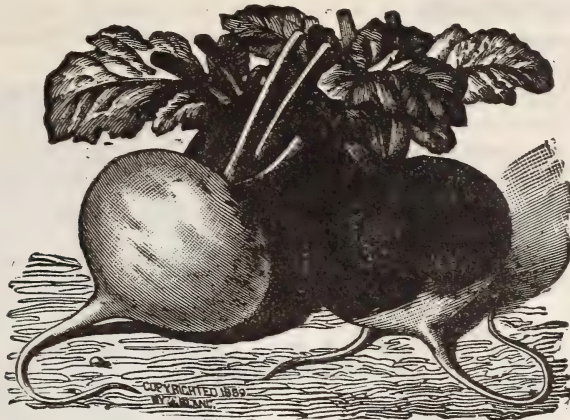
Pods large and tender.

Pkt. 5c; pt. 15c; qt. 25c; peck \$1.50.

Beets.

One ounce of seed to fifty feet of drill: six pounds to one acre.

A sowing for an early supply should be made as soon as the ground can be worked in spring. For main crop, sow early in May, and for winter beets, from the first to the third week in June. Sow in drills fifteen inches apart, and cover the seed one inch with fine earth pressed firmly upon the seed by treading or otherwise. Thin out the plants to six inches apart. The soil should be deeply manured and well cultivated. In lifting and storing the roots, care must be taken that they are not bruised.



George B. Haskell Co's. Special Dark Blood
Turnip Beet.

GEORGE B. HASKELL CO'S. SPECIAL DARK BLOOD TURNIP BEET.

One of the very best strains for market gardeners, small top, round, handsome, and very dark red. Our stock is carefully selected and is very fine.

Pkt. 5c; $\frac{1}{4}$ lb. 25c; lb. 75c.

CROSBY'S EGYPTIAN.

The best for early market, as early as the original strain of Egyptian; is thicker and less inclined to push up a woody neck as it advances in growth.

Pkt. 5c; $\frac{1}{4}$ lb. 20c; lb. 50c.

DETROIT DARK RED.

Round, skin dark red, flesh light red, very sweet.

Pkt. 5c; $\frac{1}{4}$ lb. 20c; lb. 50c.

DEWING'S EARLY BLOOD TURNIP.

Fine form and flavor; excellent market variety; the standard sort for early or late beet. Deep blood red.

Pkt. 5c; $\frac{1}{4}$ lb. 20c; lb. 50c.

DIRIGO EXTRA EARLY.

The earliest variety in cultivation. It is a rich blood-red, but of fine grain and flavor; of smooth, rapid growth.

Pkt. 5c; $\frac{1}{4}$ lb. 25c; lb. 60c.

EDMUND'S BLOOD TURNIP.

Dark red, round, small top.

Pkt. 5c; $\frac{1}{4}$ lb. 20c; lb. 50c.

LONG SMOOTH DARK BLOOD.

A good winter variety. Heavy yielder; good keeper.

Pkt. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c.

SWISS CHARD.

Used for greens.

Pkt. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c.



Eclipse Beet.

ECLIPSE.

Nearly as early as the Egyptian; larger, and of better shape, being more spherical. Dark red, round, smooth, small top.

Pkt. 5c; $\frac{1}{4}$ lb. 20c; lb. 50c.

Mangel Wurzel and Sugar Beets for feeding stock.

6 lbs. per acre.

CHAMPION YELLOW GLOBE.

Heavy yielder and splendid keeper. Short top.

Oz. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c.

GOLDEN TANKARD.

A very large yellow-fleshed sort, and very productive.

Oz. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c.

ORANGE GLOBE.

Flesh orange yellow, sweet, fine grained.

Oz. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c.

BEETS—CONTINUED.**IMPROVED MAMMOTH LONG RED.**

An improvement on the old variety. The roots are very large, uniformly straight and well formed, proportionally thicker, and are deeper colored than the common sort, and with smaller tops. We know our stock of this variety will produce the largest and finest roots which can be grown, and that it is vastly superior to many strains of the

same sort offered under other names such as Norbiton Giant, Colossal, Monarch, etc.

Oz. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c.

SUGAR, LANE'S IMPERIAL.

White flesh and very productive.

Oz. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c.

SUGAR, WHITE FRENCH.

Roots long and smooth and grow to a large size.

Oz. 5c; $\frac{1}{4}$ lb. 12c; lb. 30c.

Cabbage.

One ounce will produce about 3,000 plants.

The Cabbage is one of the most important vegetables, and some of its varieties are universally cultivated. The ground must be highly manured, deeply dug or ploughed, and thoroughly worked, to insure good full sized heads. A heavy moist and fresh loam is most suitable. The early sorts should be sown very early in the spring, in hot beds, or later in the open ground. Eighteen inches by three feet apart is the common distance.

Extra Early Sorts.**EARLY JERSEY WAKEFIELD.**

A standard early variety for home use or market.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 70c.

CHARLESTON LARGE WAKEFIELD.

About one week later than Early Jersey Wakefield, but the heads are fully one-half larger; will not burst when ripe like most early sorts, and can be left standing in the field some time without damage.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 70c.

Second Early or Summer Sorts.**ALL SEASONS.**

Larger than Henderson's Early Summer, nearly as early; very solid and sure-heading.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

FOTTLER'S IMPROVED BRUNSWICK.

An excellent early drumhead variety; produces a firm, solid head; very popular with market gardeners.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

HENDERSON'S EARLY SUMMER.

The earliest of all large Cabbages, coming in but a few days later than the Wakefield;

heads of large size, very solid and compact.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

SURE HEADS.

Heads remarkably uniform, very hard and firm. A good keeper and shipper. A favorite with market gardeners.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

EARLY WINNIGSTADT.

Not so early as either of the foregoing, but an even better header. Planted a little late it makes a good winter Cabbage. Does better than any other variety on light soil.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

EARLY FLAT DUTCH.

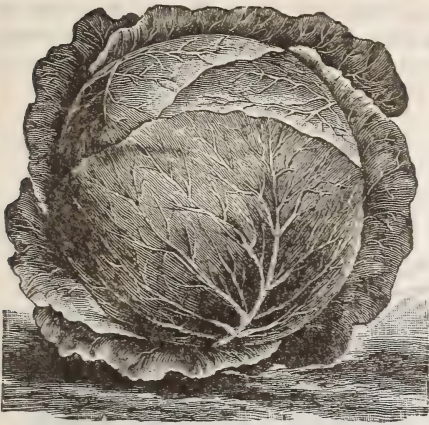
Earlier, and heads smaller than Premium Flat Dutch.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

HENDERSON'S SUCCESSION.

The finest Cabbage in existence, whether for medium, main crop, or winter use. Perfect in every respect.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

Late or Winter Sorts.**DANISH BALD HEAD OR HOLLANDER.**

An improvement over the imported Danish Bald Head. A valuable, perfectly round, solid Winter variety. Is a long keeper, profitable for shipping, keeping long after other sorts are gone.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

MARBLEHEAD MAMMOTH.

The largest Cabbage grown. It needs a deep, strong soil, highly cultivated.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

LATE FLAT DUTCH.

A good winter Cabbage.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

IMPROVED AMERICAN SAVOY.

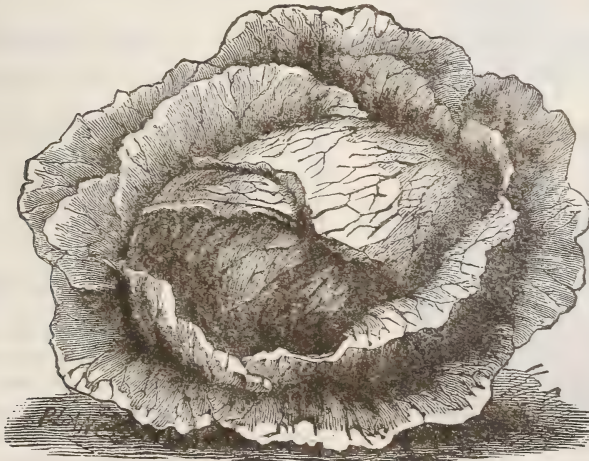
Very sweet and tender; good sized, firm heads; very reliable and much esteemed for family use.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

STONE MASON DRUMHEAD.

The market gardener's favorite. One of the very best for a main crop, and is unequalled for storing in winter. Market gardeners in the vicinity of Boston grow this variety entirely for late fall and winter use. Plants medium size, with only a moderate number of leaves. Heads large, round, or slightly flattened, very solid, crisp and tender, exceedingly fine flavor.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c.

**Stone Mason Drumhead.**

Use Deer Seed Drill. Low Price Practical Tool.
Use Matthew's Hill Drill Seeder.

CABBAGE—CONTINUED.**MAMMOTH RED ROCK.**

This is the best, largest and surest heading Red Cabbage ever introduced, and much better than the stock offered as Red Drumhead.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

RED DUTCH.

For pickling or as salad.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

CARROTS.

One ounce to one hundred feet of drill; three to four pounds to the acre.

Carrots require a very finely pulverized soil, to grow them to perfection. A good light and well enriched sandy loam is the best for this crop. For field culture, sow in drills, three to three and one-half feet apart, so as to cultivate by horse. Market gardeners sow in drills about eighteen inches apart and cultivate by hand. For early crops, cover one-half an inch deep, and thin to six inches apart, in the rows; for late, cover three-fourths of an inch deep, and thin to four inches.

✓ EARLY FRENCH FORCING.

The earliest variety; valuable for forcing.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.



Oxheart Carrots.

OXHEART.

Very thick and short, fine grained and sweet.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

✓ EARLY SCARLET HORN.

Early, fine grain; medium size; excellent table sort.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

✓ DANVERS HALF LONG.

In form it is midway between the Long Orange and the Short Horn. The root is of a rich, dark orange color, and grows very smooth. Very productive, and keeps well.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.



Danvers Half Long.

✓ ESSEX IMPROVED LONG ORANGE.

The best late variety. Roots of large size, heavy cropper and excellent keeper.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

✓ LONG ORANGE.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

✓ LARGE WHITE BELGIAN.

Large, long-rooted variety valuable for feeding.

Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 45c.

CAULIFLOWER

The Danish grown cauliflower seed seem to be the only ones which will produce satisfactory plants and heads and while some of them cost several times more than seeds grown in this country we shall catalogue and ship the Danish grown only.

One ounce will produce about 3,000 plants.

Any soil that will grow early Cabbages will grow Cauliflower, as their requirements are almost similar; but as the product is more valuable, extra manuring and preparation of the soil will be well repaid. The seeds may be sown in the hotbed in March or April, and transplanted to open ground about the first of May.

CAULIFLOWER—CONTINUED.**EXTRA EARLY DWARF ERFURT.**

The earliest variety; large compact heads, of fine quality.

Pkt. 15c; oz. \$2.00.

HENDERSON'S EARLY SNOWBALL.

One of the early sorts. Very reliable, and grown largely for the market.

Pkt. 20c; oz. \$2.00.

CELERY.

One ounce will produce about 4,000 plants.

To have Celery early, it should be sown in a hotbed quite early in the spring, and when three inches high, plant out in a well-prepared bed, which must be covered in frosty weather. For the principal crop, sow early in spring, very shallow in the seed-bed, and when the plants are about six inches high, transplant them six inches apart into trenches for blanching. Dig the trenches four feet apart, a foot wide and ten inches deep. Fill in five or six inches of well-rotted manure, and mix thoroughly, half a spade deep, with the earth at the bottom. The tops of the plants should be shortened before they are set. Earth up to blanch, three or four times during their growth, taking care no earth falls in the center of the plants.

GIANT PASCAL

A fine, large-ribbed, solid variety, of exceedingly nutty flavor. It is one of the best keepers of all the late sorts. Unexcelled for market gardeners. It is one of the best for main crop and home use. It can be more easily grown than any of the other varieties.

Pkt. 5c; oz. 20c; ¼lb. 60c.

BOSTON MARKET.

As its name indicates, the favorite market variety in the vicinity of Boston.

Pkt. 5c; oz. 20c; ¼lb. 60c.

GOLDEN SELF-BLANCHING.

The best and most popular variety for home use or marketing.

Pkt. 5c; oz. 35c; ¼lb. \$1.00.

SOUP CELERY SEED.

For flavoring.

Oz. 5c; ¼lb. 10c; lb. 20c.

CELERIAC, OR TURNIP-ROOTED CELERY.

Large Smooth Prague.—An improved form of turnip-rooted Celery, producing large and smooth roots, which are almost round, and with very few side roots. Plants vigorous, with large, deep green foliage.

Pkt. 5c; ¼lb. 15c.

WHITE PLUME.

A new variety that can be more easily grown than any other as it does not require high banking to blanch the stalks. Simply earthing up enough to keep the stalks together, or even tying them together by passing a string around each plant is sufficient.

Pkt. 5c; oz. 20c; ¼lb. 60c.



White Plume Celery.

CHERVIL.

One ounce will sow about 300 feet of drill.

Cultivated like parsley. Sow thinly in May, in drills half an inch deep, one foot apart. Use while the leaves are young and tender.

CURLED CHERVIL.

The young leaves are used for garnishing, and flavoring soups.

Pkt. 5c; oz. 10c; ¼lb. 25c.

CHICORY.**LARGE ROOTED MAGDEBURG.**

The dried roots are roasted and mixed with coffee or used as a substitute.

Pkt. 5c; oz. 10c; ¼lb. 25c; lb. 80c.

CITRON.

See Melon.

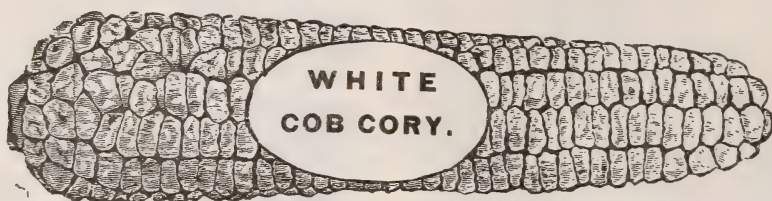
Corn.

Northern Grown Sweet or Sugar.

Grown for us in a latitude as far north as possible, properly cured and the purest strains obtainable.

One quart to 200 hills, ten quarts to an acre. Corn ordered by mail is subject to an extra charge of 10c. per qt. for postage. Pints furnished at quart rates.

The Sweet or Sugar varieties being liable to rot in cold, wet ground, should not be planted before the middle of May, and for a succession continue planting every two weeks until July, in rich well manured ground, in hills three feet apart each way, covering about half an inch, and thin out to three plants to a hill, or plant in rows four feet apart, and to stand eight inches apart in the rows. The field varieties should be planted four feet apart each way, leaving three plants to a hill.



EXTRA EARLY VARIETIES.

G. B. H. CO'S. SPECIAL EXTRA EARLY DWARF CROSBY.

Our largest gardeners pronounce this the very best variety of Sweet Corn they have even grown. Small kernel; well filled ears of delicious flavor.

Pkt. 10c; qt. 30c; peck \$1.75.

EARLY CROSBY.

An excellent strain of Crosby, but grows larger; not as early as our special

Pkt. 5c; qt. 20c; peck \$1.25.



Early Crosby Corn.

WHITE COB CORY.

Sweet or Sugar. We consider this the best extra early sweet corn. The ears are fully as large and well-filled as the Cory, and just as early, and have the great advantage of a white cob, making this variety the best extra early market corn. We hope all our friends will plant largely of this for an early crop, as we feel sure that it cannot fail to give entire satisfaction.

Pkt. 5c; qt. 20c; peck \$1.00.

RED CORY.

One of the earliest varieties in cultivation. Planted side by side with other extra early varieties, it has been fit for table about a week ahead of any other kind we have yet found. Better every way than the old Marblehead Early which it resembles.

Pkt. 5c; qt. 20c; peck \$1.00.

EARLY MARBLEHEAD.

Earlier than Cory, ears large, eight-rowed, white grain and cob.

Pkt. 5c; qt. 20c; peck \$1.00.

BURBANK'S EARLY MAINE.

Earlier than Cory, ears large, eight-rowed, white grain and cob.

Pkt. 5c; qt. 20c; peck \$1.00.

CORN—CONTINUED.**BLACK MEXICAN.**

One of the sweetest and best varieties, grains black when ripe, but when in condition for the table, cooks remarkably white.

Pkt. 5c; qt. 20c; peck \$1.00.

LATE VARIETIES.**COUNTRY GENTLEMAN.**

The sweetest and most tender of all sweet corns. This is not only true, but in addition to this, the Country Gentleman is one of the most productive sorts, the stalks averaging three ears, sometimes as many as five. Kernels and cob pure white; cob small, kernels deep; ears average twelve inches in length.

Pkt. 5c; qt. 20c; peck \$1.00.

STOWELL'S EVERGREEN.

The finest late variety. Ears 12 to 16 rowed; very large and remains fit for use longer than any other. The stocks are very tall and valuable for fodder.

Pkt. 5c; qt. 20c; peck \$1.00.

HICKOX IMPROVED.

An excellent variety, sweet and productive. Earlier than Stowell's Evergreen.

Pkt. 5c; qt. 20c; peck \$1.00.

FIELD, FODDER AND ENSILAGE CORNS.

These are grown, cured and prepared for seed purposes only, coming direct to us from the growers, enabling us to get not only the best seed from each crop, but purer strains and surer to yield the desired results.

FIELD CORN.**EARLY 8-ROWED CANADA.**

Earliest and much like our Native Yellow.

Peck 45c; bu. \$1.50.

LONGFELLOW.

A good variety; long ears, small cob, large kernel, not quite as early as the Early Canada.

Peck 45c; bu. \$1.50.

NATIVE YELLOW.

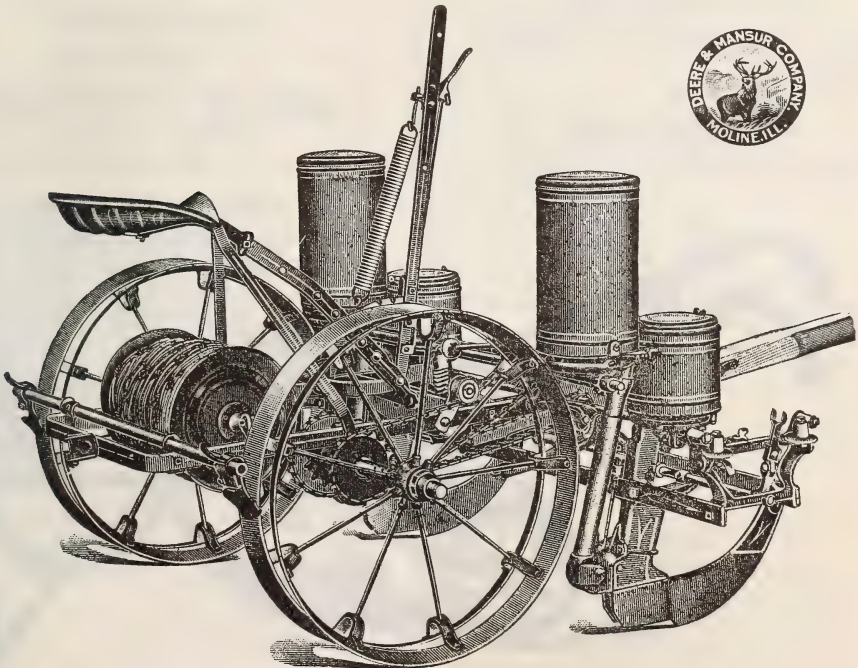
Market price. Prices subject to market changes.

Peck 45c; bu. \$1.50.

WINN'S HYBRID.

A very fine field variety, with large ears; safe to plant in this state; yields large crops.

Peck 65c; bu. \$2.25.

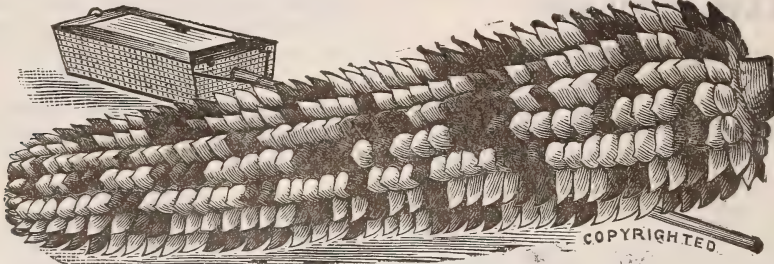


2 Row Corn Planter.

For full description of implements see Implement section of this catalogue.

CORN FOR POPPING.**PEARL.**

The finest popping corn grown; small kernels, but very crisp, tender and sweet. We use none but thoroughly seasoned, at least one year old. Packed in barrels on



cob. Market Price.

Per case, (40 one-pound pkgs.)

RICE.

Snowball brand. 1 lb. pkgs. 40 pkgs. to case.

Per case, market price.

Rice in bulk, shelled.

ENSILAGE AND FODDER CORN.**BLUNTS.**

Peck 35c; bu. \$1.25.

EVERGREEN SWEET.

Peck 60c; bu. \$2.00.

LEAMING.

Peck 35c; bu. \$1.25.

RED COB.

Peck 35c; bu. \$1.25.

SANFORD WHITE FLINT.

A great yielder and fast becoming a favorite.

Peck 40c; bu. \$1.40.

SOUTHERN WHITE.

Peck 35c; bu. \$1.25.

CORN SALAD, OR FETTICUS.

A vegetable used as a salad. It is sown on the first opening of spring, in rows one foot apart, and it is fit for use in six or eight weeks from time of sowing. If wanted in early spring, sow in September, cover with straw or hay as soon as cold weather sets in. Can be grown in cold frames, covered with straw mats or shutters, and used anytime during the winter.

BROAD LEAVED.

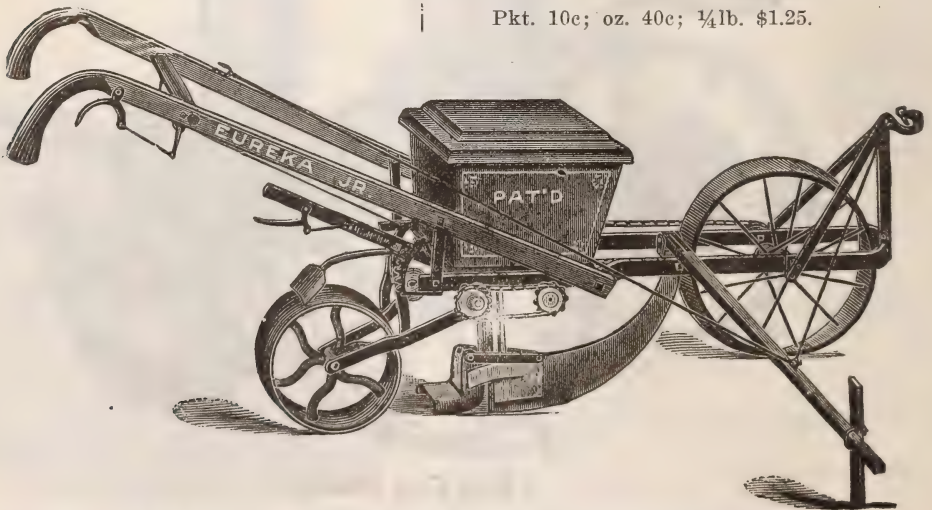
Pkt. 5c; oz. 10c; ¼lb. 30c.

CRESS OR PEPPERGRASS.**EXTRA CURLED.**

Pkt. 5c; oz. 10c; ¼lb. 25c.

TRUE WATER CRESS.

Pkt. 10c; oz. 40c; ¼lb. \$1.25.



Eureka Corn Planter.

Cucumber.

This is one of the vegetables that can be grown to perfection by any one who can control a few square yards of soil that is fully exposed to the sun. Every family should be supplied from its own garden, since the fruit is so much better when gathered fresh from the vines than it is in the more or less wilted condition in which it is found on the market.

CULTURE.

In order to obtain the largest yield of cucumbers, the soil should be well enriched with well rotted manure, but an abundance of good fruit can be raised on any rich garden soil. Plant the seed not over an inch deep in hills four to six feet apart each way, dropping fifteen to twenty seeds in a hill. After the plants begin to crowd and danger from the striped beetle is pretty well over, thin to three plants to the hill. Give frequent but shallow cultivation until the plants make runners so long that this is impracticable.

The plants are liable to attack from the striped cucumber beetles which are so numerous in some cases as to destroy them. These insects may be kept off by a frequent dusting with air-slacked lime, soot or sifted ashes diluted with fine road earth. Care should be taken not to use too much of any of the above materials, for if used too freely they will kill the vines. The best protection against injury is a vigorous and rapid growth of the young plants.

Pick the fruit before it begins to ripen, as the vines will cease setting fruit as soon as any seed begins to mature. In gathering for pickles, cut the stem instead of pulling the fruit off and be careful not to mar the fruit in any way, for if the skin be broken the pickles will not keep so well.

EXTRA EARLY RUSSIAN.

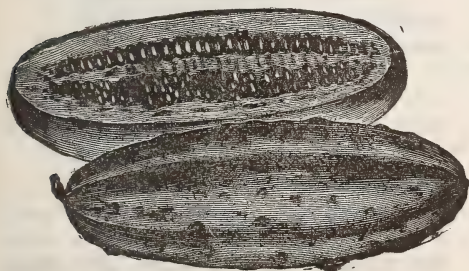
Earliest variety known, hardy and productive, fruit very small and quality fine for pickling or slicing.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

EARLY CLUSTER.

Fruit small and borne in pairs; light green, a great bearer.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.



Early Frame Cucumber.

EARLY FRAME OR SHORT GREEN.

An excellent sort, both for table use and for pickling. Plants very vigorous and productive. Fruit straight, a little smaller at the ends, bright green, lighter at the blossom end. Comes into use a little later than the Early Cluster and keeps green a long time. Our stock is very superior.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

BOSTON PICKLING.

Fruit short, smooth and pointed at each end, bright green and a great yielder, one of the best for pickling.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

WHITE SPINE IMPROVED.

The most popular strain of White Spine, and for general outdoor culture the best.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

LONG GREEN IMPROVED.

Fine for pickling when small, good for table use when about half grown.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

JAPANESE CLIMBING.

Vines are extra strong and foliage much more vigorous than other kinds, and being a climbing sort, can be grown in trellises, etc., saving much valuable space in small gardens. It is very prolific, from 40 to 50 cucumbers having been counted on single plants. Fruit cylindrical, about ten inches long, thick and of fine flavor.

Pkt. 5c; oz. 15; $\frac{1}{4}$ lb. 50c.

DANDELION.

One ounce will sow 100 feet of drill.

The Dandelion affords one of the earliest and most healthful spring greens or salads. The seed should be sown in May or June, in drills, half an inch deep and twelve inches apart, and the earth firmly pressed over the seed. Thin out afterwards to four inches apart.

DANDELION—CONTINUED.**AMERICAN IMPROVED.**

Thick leaf; favorite market sort.

Pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.25.

CULTIVATED, OR FRENCH COMMON.

This is considered the best by many, and is not at all the same as our wild dandelion, being greatly improved by careful selection.

Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 75c.

EGG PLANT.

The Egg Plant will thrive well in any good garden soil. Sow in the hotbed and when two or three inches high, transplant into pots or rows, two and one-half to three inches apart. When the weather will permit, transplant into good, rich soil, thirty inches apart each way.

NEW YORK IMPROVED PURPLE.

The leading market variety; very productive.

Pkt. 10c; oz. 30c.

WHITE.

Choice for ornamental use.

Pkt. 10c; oz. 25c.

ENDIVE.

One ounce of seed for seventy-five feet of drill.

One of our best salad plants. For a first crop, sow about the middle of April; for succession, small sowing may be made every month till August, when the main planting is made. Set out the plants one foot apart, in rows, and when well grown, effect blanching by folding the leaves in their natural position around the heart, and tying the outer leaves together by their tips in cone form.

GREEN CURLED.

Hardy, finely curled; easily blanched; one of the best.

Pkt. 5c; oz. 15c.

FRENCH MOSS-CURLED.

Very finely curled with close, dense leaves.

Pkt. 5c; oz. 20c.

WHITE CURLED.

Blanches rapidly; excellent and very tender.

Pkt. 5c; oz. 15c.

BROAD-LEAVED BATAVIAN—(Escarolle).

Leaves long and broad, thick and succulent.

Pkt. 5c; oz. 15c.

KALE, OR BORECOLE.

One ounce of seed produces about 1,500 plants.

The Kales are the most tender and delicate of all the cabbage family, and are improved in flavor after frost. For fall use, sow early in May, in a prepared bed, transplant in June, and treat in the same manner as cabbages.

DWARF GREEN CURLED.

Very early.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

TALL CURLED SCOTCH.

Grows about two feet high.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

DWARF CURLED SCOTCH.

A round dwarf variety rarely exceeding eighteen inches in height, but spreading out under good cultivation, to three feet in diameter.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

KOHL-RABI.

Sow in May or June, in rows eighteen inches apart. Any ordinary soil moderately rich, will answer. The bulbs, when about half grown, are boiled and served like turnips.

EARLY WHITE VIENNA.

The best for early and main crop, flesh white.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 60c.

EARLY PURPLE VIENNA.

Bluish purple outside; flesh white.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 60c.

LARGE GREEN.

Good for table use and is used also for feeding stock.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 60c.

LEEK.

One ounce will produce about 1,000 plants.

The Leek is generally considered superior to the Onion for soups; it is very hardy, and easily cultivated. Sow in drills, a foot apart, in April, and transplant in July, in rows fifteen inches apart, and six inches from plant to plant. The plants should be set five inches deep, in rich, moist soil.

LONDON BROAD FLAG.

A large variety with broad leaves.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c.

LETTUCE.

One ounce will sow 100 square feet, or 120 feet of drill.

Lettuce is easy of cultivation, but likes a good rich soil. For early use, sow under glass in February and March, and transplant as soon as the ground can be worked. Later sowings may be made in the open ground at intervals of two weeks, for succession as long as the weather permits; thin out well and set in rows one foot apart, and one foot between the plants. Lettuce requires good ground and abundant moisture.

CURLED OR LOOSE-LEAVED VARIETIES.**GRAND RAPIDS—(Black Seed).**

As a forcing and shipping lettuce this undoubtedly stands at the head; beautiful in appearance.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.



Boston Curled Lettuce.

BOSTON CURLED—(White Seed).

Of excellent quality and great beauty, highly ornamental, fringed leaves.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 60c.

MAMMOTH BOSTON CURLED.

Desirable for forcing in cold frames or open ground. Produces large heads which remain tender through the entire season.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

TOMHANNOCK—(White Seed).

A handsome lettuce with upright leaves, beautifully wrinkled; edges of outer leaves have a reddish tinge, inner leaves almost white.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 70c.

PRIZE HEAD, EARLY—(White Seed).

Leaves green and red; very thin, crisp and tender; one of the very best for private use.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 60c.

CABBAGE OR HEAD VARIETIES.**HANSON—(White Seed).**

Always sure to make large, handsome heads of excellent quality; outer leaves green

with light veins, inner leaves white.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c.

BROWN DUTCH—(Black Seed).

Leaves large, thick, green, tinged with brown; forms large, solid heads, exceedingly hardy.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c.

BIG BOSTON—(White Seed).

A very popular variety with gardeners who want a large heading, forcing sort; also for outdoor winter culture. Plants large, very hardy and vigorous; leaves broad, comparatively smooth but wavy at edge, thin and very hard; color bright, light green; when well grown are quite tender. Indoors this forms a solid head while out of doors it is less distinctively a heading sort. Grown in the south as a winter lettuce.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

BOSTON MARKET—(White Seed).

One of the best for forcing under glass as well as for outside use; forms fair sized heads; edge of leaves slightly tinged with red.

Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

TENNIS BALL—(Black Seed).

Popular for open ground, head handsome, crisp and tender.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

TENNIS BALL—(White Seed).

Extensively grown for forcing and heading under glass, heads fine, good sized, very white and crisp.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

ROYAL SUMMER CABBAGE—(White Seed).

A good sized head lettuce for summer use.

Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

COS OR CELERY LETTUCE.**WHITE PARIS.**

Has long, narrow, upright leaves, does not head, but when tied up blanches very nicely.

Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

MELLON—MUSK.

One ounce of seed for sixty hills; two to three pounds for an acre.

A light, rich soil is the most suitable for melons of all kinds. In very rich soil the hills should be six feet apart; in poor soil, about five feet. Before planting the seed mix a peck of rotted manure with the soil in each hill. About the middle of May, plant the seeds half an inch deep—six or eight in each hill. When the plants are well up, thin out, leaving three to a hill.

GREEN CITRON.

An old and popular sort, flesh green and of delicious flavor.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c.

EXTRA EARLY HACKENSACK.

One of the finest for market gardeners.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c.

PAUL ROSE—(New).

A cross between Netted Gem and Osage possessing all the good qualities of both; flesh salmon color.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

GOLDEN GEM.

Fruit small, flesh light green color and very delicious.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

MONTREAL MARKET.

Very large.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

CANTALOUPE.

Flesh reddish orange, sweet and of good flavor.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

NUTMEG.

Flesh green and very sweet.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

NETTED GEM OR ROCKY FORD.

This has become the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting; flesh thick, green, very sweet and high flavored.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

EMERALD GEM.

Standard for New England.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

BEST VARIETIES MIXED.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

CITRON.

The standard for preserves.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c.

MELON—WATER.**NEW FLORIDA FAVORITE.**

An improvement on the old Florida Favorite, growing to double the size, and more pro-

lific. Its perfect shape, bright red crisp flesh, and delicious flavor, make it one of the best melons grown.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

PHINNEY'S EARLY.

Red flesh, white ended, early, hardy, and productive.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

MOUNTAIN SWEET.

The most popular variety known; one of the best for northern cultivation; fruit dark green, oblong in shape.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

MIXTURE OF BEST VARIETIES.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

BLACK SPANISH.

Another old sort, small, early, sweet and rich.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

PEERLESS, OR ICE CREAM.

Very early, flesh firm and sugary.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

CUBAN QUEEN.

Very productive; flesh bright red, very solid, crispy and sugary.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

MUSTARD.

One ounce to forty feet of drill.

Sow in shallow drills a foot apart; several sowings may be made for a succession.

WHITE.

Best variety for salads, sometimes used as "greens."

Oz. 5c; lb. 25c.

BROWN.

More pungent than the White.

Oz. 5c; lb. 25c.

OKRA OR GUMBO.**EXTRA EARLY DWARF—(Green Pods).**

Very early and productive.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c.

WHITE VELVET.

Pods large, white, very smooth and an abundant bearer, of superior quality.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c.

ONION.

One ounce of seed to one hundred feet of drill; four to five pounds an acre.

The Onion has been cultivated as an article of food from the earliest times, and is perhaps at the present day more universally grown than any other vegetable. A good crop is impossible unless the soil is very rich and kept clean. Use well-rotted manure freely, and get the crop in as early as possible in spring, even though the weather be cold and unpleasant. Sow in drills one foot apart and cover about one-third of an inch, treading or rolling after sowing, so that the hot dry atmosphere may not destroy sprouting seed. When three inches high thin to two inches apart. Stir the ground freely without disturbing the young plants and keep free from weeds.

✓ **YELLOW GLOBE DANVERS.**

Geo. B. Haskell Co's. Special.

This represents the product of years of careful selection and is the most perfect type of Yellow Globe Danvers Onion which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. The product of this seed always finds a ready sale, even when the general crop is a "glut" on the market, and will always average 50 cents per bbl. more than any other strain. This, our special strain, is all grown from selected, hand-picked bulbs; none but those perfect in size and shape being set for seed.

Pkt. 5c; oz. 25c; ¼lb. 75c; lb. \$2.50.



G. B. H. Co's. Special Yellow Globe Danvers Onion.

YELLOW GLOBE DANVERS.

Undoubtedly the best known and most pop-

ular of all onions, the earliest yellow variety; is entirely free from stiff necks. Globular in shape, has a small top and is the most productive.

Pkt. 5c; oz. 20c; ¼lb. 60c; lb. \$2.00.

✓ **YELLOW DANVERS FLAT.**

A fine productive variety of medium size; skin coppery-yellow; flesh white; comparatively mild and well-flavored.

Pkt. 5c; oz. 20c; ¼lb. 60c.

✓ **EARLY RED GLOBE.**

You will find this to be entirely new, distinct and valuable; an early perfectly globe-shaped onion until now not having been produced. This is ten days earlier than Southport Large Red Globe, and equally as globe-shaped; color beautiful light red; the bulbs run even in size, are very showy, attractive and good sellers. We recommend our friends to give it a trial, believing they will find it worthy of general cultivation.

Pkt. 5c; oz. 20c; ¼lb. 60c; lb. \$2.00.

✓ **LARGE RED WETHERSFIELD.**

Onion growers who prefer the red varieties will find our pedigree strain far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form skin, deep purplish red, flesh purplish white, much finer grained than many of the red sorts. Immense crops of this onion are grown each season, from our seed, by some of the largest growers in the United States, who realize the very highest prices for their crops.

Pkt. 5c; oz. 20c; ¼lb. 60c; lb. \$2.00.

ONION—CONTINUED.**SOUTHPORT RED GLOBE.**

The onions from Southport, Conn., generally command an extra price in New York markets, because of their beautiful shape and color, due partly to the variety grown and partly to the favorable soil and the extra care taken in handling the crop. This variety is of medium size, spherical, with small neck, very deep, rich red color, and of superior quality. We offer a strain of especially good quality, and much superior to that usually sold.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

WHITE PORTUGAL OR SILVERSKIN.

A large, flat, white onion of mild and pleasant flavor; hard and fine-grained, and a good keeper. More extensively sown for sets than any other white variety and is also largely grown for pickling.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

ONION SETS.

Add ten cents per quart if sent by mail.

Onion Sets should be planted near the surface, as early in spring as the ground will permit, in drills about twelve inches apart and four inches in the rows. They produce a very early and profitable crop, and grow in any soil.

WHITE SETS.

Per quart 20c.

TOP ONION SETS.

Per quart 20c.

YELLOW SETS.

Per quart 20c.

RED SETS.

Per quart 20c.

PARSNIPS.

One ounce will sow 125 feet of drill; five pounds an acre.

Sow in rich soil, in drills about eighteen inches apart as early in the spring as the ground can be worked. The ground should be well and deeply dug; thin to six or eight inches in the row; harrow and cultivate often to keep down weeds.

WHITE HOLLOW CROWN.

Good old sort.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c.



Long Smooth Parsnip.

ABBOTT'S IMPROVED OR LONG SMOOTH WHITE.

Is smooth and quite large; one of the best.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c.

GUERNSEY—(Half Long).

Roots not quite as long as Hollow Crown but are of greater diameter and more easily gathered; roots smooth and fine-grained.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c.

PARSLEY.

One ounce of seed to 150 feet of drill.

Sow as early as possible in the spring, first soaking the seed three hours in water; cover lightly, raking the soil fine and level on top. The drills should be about fifteen inches apart. The plants appear in two to four weeks. Thin to three inches apart.

MOSS CURLED.

A standard variety.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c.

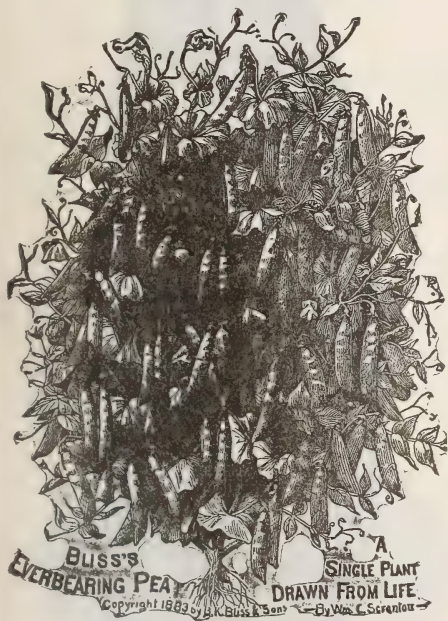
Peas.

One quart of seed to 100 feet of drill; two bushels to the acre.

Peas ordered by mail are subject to an extra charge of ten cents per quart for postage.
Pints furnished at quart rates.

CULTURE.

The Pea thrives best in light, loamy soil. The early and dwarf sorts require rich ground. The first planting should be made as early in the spring as the soil can be worked in fine, loose condition. The small, smooth varieties are best for early planting, as the frost does not injure them. When the weather becomes warmer, seed of the wrinkled varieties may be sown. Sow in drills and cover to a depth of four inches. For dwarf varieties rows should be two feet apart; tall varieties should have four feet between the rows.



FIRST AND BEST—(Smooth).

A standard variety. Very early and prolific.

Qt. 20c; peck \$1.00; bu. \$3.25.

EXTRA EARLY VARIETIES NOT DWARF.



EXTRA EARLY DWARF VARIETIES.

NOTT'S EXCELSIOR—(Wrinkled.)

Very early, pods always well filled, finest quality. Height 1¼ ft.

Qt. 25c; peck \$1.50; bu. \$5.25.

BLISS AMERICAN WONDER—(Wrinkled).

Earliest dwarf wrinkled sort. Height, $\frac{3}{4}$ ft.

Qt. 25c; peck \$1.50; bu. \$5.25.

EXTRA EARLY PREMIUM GEM—(Wrinkled).

An improvement on little Gem. Height,
1 1/4 ft.

Qt. 20c; peck \$1.25; bu. \$4.00.

SIR THOMAS LAXTON—(Wrinkled).

Similar to Gradus but more hardy and productive.

Qt. 35c; peck \$2.00; bu. 7.50.

PEAS—CONTINUED.**CLEVELAND'S ALASKA—(Smooth).**

The earliest blue pea. Height 2½ ft.

Qt. 20c; peck \$1.20; bu. \$3.50.

CARTER'S FIRST CROP—(Smooth).

Popular in many sections. Height 3 ft.

Qt. 20c; peck \$1.00; bu. \$3.25.

GRADUS, OR PROSPERITY—(Wrinkled).

A new, large podded, first early, wrinkled variety. This represents the greatest advance yet achieved in early peas, for although the variety ripens with the earliest, the deep green pods are large and well filled, of excellent quality. Height 3 ft.

Qt. 35c; peck \$2.00; bu. \$7.25.

DUKE OF ALBANY—(Wrinkled).

Immense pods, and peas on style of Telephone. Quality excellent.

Qt. 25c; peck \$1.75; bu. \$5.75.

SECOND EARLY VARIETIES.**DWARF TELEPHONE—(Wrinkled).**

A new variety with dwarf vines. Height 18 inches; healthy, vigorous, and very uniform in height. Peas large and of delicious flavor. From five to seven days earlier than the Stratagem.

Crop failed.

YORKSHIRE HERO—(Wrinkled).

A large wrinkled variety, of branching habit; of fine flavor; 2½ ft.

Qt. 20c; peck \$1.00; bu. \$3.50.

CARTER'S STRATAGEM—(Wrinkled).

One of the best peas ever sent out; vine of branching habit, heavily laden with immense pods, containing ten to twelve peas of large size; 1½ ft.

Qt. 30c; peck \$2.00; bu. \$7.00.

McLEAN'S ADVANCER.

A well known standard sort of excellent quality.

Qt. 20c; peck \$1.25; bu. \$4.00.

HEROINE.

A medium early, green, wrinkled variety; pods remarkably long and handsome, slightly curved, well filled with large peas; 2 ft.

Qt. 20c; peck \$1.25; bu. \$4.00.

MAMMOTH MELTING SUGAR.

Best of all the edible podded peas. Pods straight, smooth, brittle, and delicious.

Qt. 25c; peck \$1.75.

BLISS' EVERBEARING—(Wrinkled).

A splendid general cropper; pods average four inches long, and contain six to eight

wrinkled peas of enormous size; and in sweetness and flavor they are unsurpassed; 2 ft.

Qt. 20c; peck \$1.00; bu. \$3.50.

DWARF CHAMPION—(Wrinkled).

This pea gives universal satisfaction; very productive, large peas, fine flavor.

Qt. 25c; peck \$1.25; bu. \$4.00.

LATE VARIETIES FOR GENERAL CROP.**G. B. H. CO'S. SPECIAL—(Wrinkled).**

Darker colored pod. Heavy cropper and better than Telephone. Height 3½ ft.

Qt. 30c; peck \$1.75; bu. \$6.00.

CARTER'S TELEPHONE—(Wrinkled).

This remarkable pea is a week earlier than Champion of England; pods five to seven inches in length, and containing from eight to twelve peas of unequalled flavor. 3 ft.

Qt. 25c; peck \$1.50; bu. \$5.00.

PEAS—CONTINUED.**CHAMPION OF ENGLAND—(Wrinkled).**

An old favorite; rich flavored and very productive; 4 ft.

Qt. 20c; peck \$1.00; bu. \$3.50.

LARGE WHITE MARROWFAT—(Smooth).

Cultivated very extensively for the summer crop. Height 4 ft.

Qt. 15c; peck 75c; bu. \$2.50.

BLACK EYED MARROWFAT—(Smooth).

Standard late variety for garden or field use. Height 5 ft.

Qt. 15c; peck 75c; bu. \$2.50.

SCOTCH.

Market price.

SMALL GREEN.

Qt. 10c; peck 50c.

CANADA FIELD.

Peck 50c; bu. \$1.75.

COW PEAS.

Splendid fodder plant, extensively used for turning under. Poor, sandy loam may be improved by turning under a crop of Cow Peas.

POTATOES.

The following varieties grown especially for us for seed, from selected Aroostook Stock. Properly treated, fertilized and sprayed. Planted with Eureka Potato Planter and cultivated with Deere Riding Cultivator Dises or Spring Trip Hoes with Hilling attachments.

**EARLY ROSE.**

Peck 40c; bu. \$1.25.

EARLY WHITE OHIO.

Peck 40c; bu. \$1.25.

EARLY RED OHIO.

Peck 40c; bu. \$1.25.

RADISHES.

One ounce of seed to 100 feet of drill; ten pounds an acre.

Radishes require a light, loamy soil, moderately fertile, which should be deeply dug and well pulverized. The situation should be warm and sheltered. For an early supply sow in January or February in hot beds, keeping well ventilated. In May they may be sown out of doors. Successive sowings should be made every two weeks. Radishes to be crisp and tender should make a rapid growth.

EARLY NORCROSS.

Peck 40c; bu. \$1.25.

EARLY NEW QUEEN.

Peck 40c; bu. \$1.25.

IRISH COBBLERS.

Peck 40c; bu. \$1.25.

GREEN MOUNTAIN.

Peck 40c; bu. \$1.25.

PEPPER.

The Pepper is a native of tropical countries, and requires a warm situation. The notes on culture of the Egg Plant apply in all respects to this vegetable. Plants should be a foot apart, rows eighteen inches to two feet apart.

LARGE BELL.

Large, bright red, a handsome variety.

Pkt. 5c; oz. 25c; ¼lb. 75c.

LONG RED CAYENNE.

A small, long-shaped variety; very pungent; the Cayenne Pepper of commerce.

Pkt. 5c; oz. 25c; ¼lb. 75c.

PUMPKINS.

One pound will plant from 200 to 300 hills; four to six pounds for an acre.

Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of corn or potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills eight feet apart.

CONNECTICUT FIELD.

Very productive. Largely grown for feeding stock.

Oz. 5c; ¼lb. 10c; lb. 30.

LARGE CHEESE, OR KENTUCKY FIELD.

A most popular variety. Fruit flattened, the diameter being two or three times more than the length.

Oz. 5c; ¼lb. 10c; lb. 40.

SWEET OR SUGAR.

This is a small, round and prolific variety; skin and flesh deep orange yellow; very fine grained, sweet and fine for pies. The pie pumpkin of New England.

Oz. 5c; ¼lb. 15c lb. 50c.

RADISHES—CONTINUED.

Scarlet Radishes.

TURNIP SHAPED VARIETIES.✓ **EARLY SCARLET.**

A well-known variety; very quick grower.
Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c.

✓ **EARLY SCARLET WHITE TIPPED FORCING.**

A handsome very early round sort, skin bright scarlet on top, and shading to white on the bottom crisp and fine.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c.

✓ **NON PLUS ULTRA.**

Said to be the earliest of all forcing radishes, being fit for the table in three weeks from planting; roots round and bright scarlet, crisp and delicate.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c.

OLIVE SHAPED VARIETIES.✓ **FRENCH BREAKFAST.**

Pink color, white-tipped, popular everywhere.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c.

✓ **LONG VARIETIES.**✓ **SCARLET SHORT TOP.**

A well-known and very popular variety of excellent quality; standard for home and market garden.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 50c.

✓ **CHARTIER OR SHEPHARD.**

Very handsome, tender and crisp, and does not become pithy or hollow. A deep crimson at the top and shading off to white at the bottom.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

✓ **WHITE VIENNA—(Or Lady Finger).**

Of rapid growth and beautiful shape; skin and flesh snow white, the finest of long white radishes.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 20c; lb. 60c.

WINTER VARIETIES.✓ **LONG BLACK SPANISH.**

Long, black, flesh white and slightly pungent; one of the latest and hardiest.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

✓ **ROUND BLACK SPANISH.**

Skin black, roots globe shaped, white fleshed and piquant flavor.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

✓ **CHINA ROSE.**

Bright rose colored skin; flesh white; quality excellent; one of the best for fall and winter use.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

SAGE.**BROAD-LEAVED.**

Pkt. 5c; oz. 10c.

SAVORY.**SUMMER.**

Pkt. 5c; oz. 15c.

WINTER.

Pkt. 5c; oz. 15c.

SALSIFY, OR OYSTER PLANT.

Salsify is one of the most delicious and nutritious of vegetables, and should be more generally cultivated for use in winter, when the supply of good vegetables is so limited. It closely resembles the taste and flavor of an oyster, and when properly cooked is a good substitute.

SANDWICH ISLAND MAMMOTH.

The Sandwich Island is an importation from the Sandwich Islands, and deserves to be classed as a new species, so much superior is it to the old kinds in size, appearance, form, and delicious flavor. The roots grow to a large size, smooth, tapering gradually to a point.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

WHITE FRENCH.

The well-known standard variety,

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

SPINACH.

One ounce will sow 100 feet of drill; ten to twelve pounds an acre.

This is best developed and most tender and succulent when grown in very rich soil. For summer use sow early in spring in drills fifteen inches apart, and make successive sowings every two weeks. For spring use sow in September and cover lightly in November with light litter.

✓ **LONG STANDING.**

Stands longest before running to seed. Dark Green.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 30c.

✓ **BLOOMSDALE SAVOY LEAVED.**

Leaves curled and crinkled like a Savoy Cabbage. Hardest and most productive sort.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 30c.

✓ **THICK LEAVED ROUND.**

Large, thick dark green crimped leaves which remain a long time before going to seed.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 30c.

✓ **PRICKLY OR WINTER.**

Vigorous and hardy.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 30c.

✓ **GIANT THICK LEAF.**

Leaves very large, thick and deep green.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 30c.

✓ **NEW ZEALAND.**

New and distinct; grows well during hot weather.

Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

SQUASH.

Small seeded sort, one ounce to fifty hills; large seeded sort, once ounce to fifteen hills.

If by mail in quantities of eight ounces and upwards, postage must be added at the rate of 8 cents per pound.

Being somewhat tender, squashes should not be planted till all danger from frost has passed. They delight in a warm, thoroughly pulverized, very rich soil. Plant in hills in May, mixing with the soil in each hill a shovelful or two of rotted manure. For bush varieties the hills should be from five to six feet apart; for running sorts, ten feet apart. Put eight or ten seeds in each hill, and when well grown, thin, leaving two or three of the strongest plants in each hill.

GIANT SUMMER CROOKNECK.

Double the size of the ordinary Crookneck and very warty, but similar in other respects.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

ESSEX HYBRID OR HARD SHELLLED TURBAN.

A standard winter sort; flesh a trifle darker than the Hubbard; an excellent keeper.

Pkt. 5c; oz. 10; $\frac{1}{4}$ lb. 25c; lb. 75c.

BAY STATE.

Has a hard green shell, excellent for fall and winter use.

Pkt. 5c; oz. 10; $\frac{1}{4}$ lb. 25c; lb. 75c.

BOSTON MARROW.

Fine fall variety, oval, bright orange, flesh yellow and firm, best for pies, and also for canning.

Pkt. 5c; oz. 10; $\frac{1}{4}$ lb. 25c; lb. 75c.



Improved Hubbard Squash.

IMPROVED HUBBARD.

The well-known and standard late variety; our strain is excellent.

Pkt. 5c; oz. 10; $\frac{1}{4}$ lb. 25c; lb. 75c.

METCALF.

Similar to Boston Marrow but much earlier. Has a great local reputation and brings a better price in market than any other.

Pkt. 5c; oz. 10; $\frac{1}{4}$ lb. 25c; lb. 75c.

WARTED HUBBARD.

A superior strain of mammoth size and entirely covered with warty excrescences. Rich, dark green color and of very best quality.

Pkt. 5c; oz. 10; $\frac{1}{4}$ lb. 25c; lb. 75c.

IMPROVED MARBLEHEAD.

Resembles the Hubbard but is earlier; has a gray, hard shell; a very popular winter sort.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

AMERICAN TURBAN.

Orange-yellow flesh of good flavor, for fall and winter.

Pkt. 5c; oz. 10; $\frac{1}{4}$ lb. 25c; lb. 75c.

SQUASH—CONTINUED.**EARLY WHITE BUSH SCALLOPED.**

Standard summer variety, good for home or market.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

WINTER CROOKNECK.

Yellow skin, a well-known old fashioned

variety.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

PIKES PEAK OR SIBLEY.

A very productive variety, maturing at same time as the Hubbard; flesh solid and of a rich golden orange color.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

TOMATO.

There are about two thousand Tomato seeds in an ounce.

Sow thinly about the first week in March in hot-bed, greenhouse, window or sitting-room, where the temperature is never below sixty degrees. When two inches high set out the plants in boxes, about four inches apart, or pot singly. If again transplanted before setting out, the plants will be greatly benefitted. About the first of June they may be transferred to the open ground. Set them deeply, four feet apart, and a shovelful of rotted manure should be mixed in the earth of each hill. For early tomatoes choose a sunny knoll and light, sandy loam, if possible. If the vines are trained on a trellis the fruit will be finer and larger.

**GEO. B. HASKELL CO'S. SPECIAL.**

One of the earliest and best bright Red Tomatoes grown; large size; smooth; heavy yielding and excellent quality.

Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.50.

ACME—(Early).

Well-known and generally cultivated. Smooth, and ripens evenly; color purplish red.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

ATLANTIC PRIZE.

One of the earliest. Smooth, solid and bright red.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

ESSEX HYBRID.

A very early sort, color bright pink; large size, solid, rich flavored; very productive; fine market variety.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

DWARF CHAMPION.

An early variety; fruit medium size, resembling the Acme in color.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

LIVINGSTON'S FAVORITE.

Smother than the Paragon, is a darker red than the Perfection; ripens evenly, and is as early as any good variety.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 60c.

LIVINGSTON'S BEAUTY.

Very glossy crimson in color, slight tinge of purple; early, free from rot; skin tough, bears handling remarkably well.

Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

EARLIANA.

Earliest and best bright red Tomato, smooth and firm.

Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

CANADA VICTOR.

Very early, smooth, red variety, fine keeper, excellent flavor.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 60c.

TOMATOES—CONTINUED.

NEW STONE.

A large variety of bright scarlet color, ripening evenly to the stem; a good keeper and not subject to rot.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

RED CHERRY.

Fine for pickles and preserves.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Hkl

TURNIP.

One ounce for 150 feet of drill; one to two pounds in drills, for an acre.

Turnips thrive best in rich, sandy gravelly soil. The earliest varieties can be sown as soon as the ground can be worked, either in drills or broadcast. For a succession, sow at intervals of a fortnight until the last week in July from which time until the end of August sowings may be made for the full or main crops.

EARLY VARIETIES.

EXTRA EARLY PURPLE TOP MILAN—(Flat).

The earliest turnip in cultivation and a splendid variety; a favorite with gardeners who want first turnips in market. Bulb white, flat, of medium size, with a bright purple top; one of the sweetest and finest flavored, of summer sorts.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

EXTRA EARLY WHITE MILAN—(Flat).

Similar to Purple Top Milan, except color which is pure white.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

EARLY SIX WEEKS—(Flat).

Pure white, very early.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

LATE VARIETIES FOR GENERAL CROP.



Purple Top Strap Leaf Turnip.

TREE.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c.

YELLOW PLUM.

Perfectly smooth yellow sort; much used for preserves, also for pickling.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

PURPLE HUSK.

Fruit purple; produced in great abundance; from one to two inches in diameter, and enveloped in a husk.

Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c.

RED OR PURPLE TOP STRAP LEAVED—(Flat).

The most widely cultivated and best known variety. Used largely for sowing broadcast among corn and potatoes. It is round and flat, white on the bottom and a reddish purple above ground, and a very quick grower. Though used mainly for stock feeding, it is highly esteemed as one of the finest table varieties.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 40c.

YELLOW STONE.

A very popular yellow fleshed variety; fine for table use. Flesh very firm, tender, sweet and fine flavored; an excellent keeper.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 40c.

WHITE EGG.

Flesh white.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 40c.

GOLDEN BALL.

A rapid grower, of excellent flavor, bright yellow; a good keeper, a superior table variety.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

AMERICAN STONE.

Heavy cropper, rapid grower, egg shaped variety; good either for early or late use; flesh firm, fine grained and sweet; nothing better for table use.

Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

RUTA BAGA OR SWEDISH TURNIPS.

SKIRVING'S PURPLE TOP.

An old and well-known yellow fleshed variety of large size and fine quality, for stock or family use.

Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c;

TURNIP—CONTINUED.**WHITE SWEET GERMAN.**

Universally admitted to be the sweetest, mildest flavored and finest grained turnip for table use; solid as a stone, and will remain in this condition until spring if properly cared for; has no equal as a winter turnip.

Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c;

CARTER'S IMPERIAL HARDY SWEDE.

Resembles Champion Purple Top Swede. Bulbs of large size with purple crown; fine for table or stock.

Oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c;

BIRD SEED.

Add 10c per lb. for postage.

Canary.—Sicily.	Lb. 8c.
Hemp.	Lb. 8c.
Rape.—German.	Lb. 8c.
Sunflower.—Russian.	Lb. 8c.
Millet.	Lb. 3c.
Cuttle Fish.	Oz. 5c; lb. 40c.
Bird Gravel.	Pkt. 5c.
Unhulled Rice.	Lb. 10c.

TOBACCO.**CONNECTICUT SEED-LEAF.**

Best adapted for the climate of the Northern and Middle States.

Pkt. 5c; oz. 30.

SWEET, POT, AND MEDICINAL HERBS.

These are of easy cultivation. As a rule it is best to cut Herbs when in flower, wilt in the sun and thoroughly dry in the shade.

Anise.—Hardy annual. Pkt. 5c; oz. 15c.

Balm.—Hardy, herbaceous, perennial,

Pkt. 5c; oz. 25c.

Caraway.—Hardy bi-annual. Pkt. 5c; oz. 10c.

Coriander.—Hardy annual. Pkt. 5c; oz. 10c.

Catnip. Pkt. 5c; oz. 25c.

Dill.—Biennial. Pkt. 5c; oz. 10c.

Horehound.—Perennial. Pkt. 5c; oz. 15c.

Marjoram.—Sweet, annual. Pkt. 5c; oz. 15c.

Rosemary.—Perennial. Pkt. 5c; oz. 25c.

Rue.—Perennial. Pkt. 5c; oz. 15c.

Sage.—Hardy perennial. Pkt. 5c; oz. 15c.

Saffron. Pkt. 5c; oz. 15c.

Summer Savory.—Hardy annual.

Pkt. 5c; oz. 15c.

Winter Savory. Pkt. 5c; oz. 15c.

Thyme.—Hardy perennial. Pkt. 5c; oz. 25c.

Wormwood.—Perennial. Pkt. 5c; oz. 20c.

Northern Grown Grass Seeds.

These seeds offered under our Purity brand are selected for their purity and vitality and it is only northern grown seeds possessing these two essential qualities which we offer under this brand and you will find them listed below according to their quality graded down from our Purity brand which is always the best.

TIMOTHY.**PURITY.**

Large and clean, will grow strong plants.

PINE TREE.

Best medium price seed offered.

BEST PRIME.

Much better than prime ordinarily offered.

PRIME.**ALFALFA CLOVER.****ALFALFA CLOVER.**

Alfalfa or Lucerne Clover yields a very heavy crop, grown successfully in the west and middle west and by liming properly drained soil is yielding most satisfactory results in New England and when well started will endure most severe droughts.

PURITY BRAND.

This is a pure Alfalfa seed which has been developed in Montana and without doubt is the most hardy of any yet offered in the United States.

PRIME ALFALFA.**ALSYKE.**

It is usually sown with other seeds for hay; a valuable fertilizer if plowed under when in full bloom. Sow 8 to 10 lbs. per acre. Grades we carry, Purity, Best Prime, Prime.

CRIMSON CLOVER.**SCARLET OR ITALIAN.**

Grown in pastures and for turning under. Very deep rooting. Sow 10 to 15 lbs. per acre.

GRASS SEEDS—CONTINUED.**MAMMOTH PEAVINE CLOVER.**

Similar to Red Clover but makes larger growth with heavier stock. Sow 8 to 10 lbs. per acre.

RED CLOVER.

Our Purity Brand of Red Clover is also a northern grown seed, very large, well colored, and the purest obtainable. Frequent analyses of this brand pronounces it about 100 per cent. pure. Lower grades at lower prices.

**WHITE CLOVER.
PURITY BRAND.**

Selected especially for Lawns.

PRIME WHITE CLOVER.

For Lawns and Pastures.

RED TOP.

Solid Seed sown with other seeds in heavy damp soil 10 to 12 lbs. per acre.

RED TOP—(Chaff).

Sow 30 to 40 lbs. per acre.

**MILLETS.
HUNGARIAN.**

Used for hay and forage. Sow 40 to 50 lbs. per acre between the first and middle of June. Yields heavily and when well cured is excellent hay for cattle increasing the flow of milk.

JAPANESE.

This grows very tall, yielding heavily, and the demand for it is increasing rapidly. Sow 40 to 50 lbs. per acre.

SIBERIAN.

Very similar to the Hungarian maturing about the same time but leaves are unusually wide and tender, starting close to the ground continuing nearly to the top of the stem, yielding more heavily, making it in many respects preferable to other millets. Sow 20 to 25 lbs. per acre.

**SEED GROWN FOR FODDER AND
FERTILIZING.****COW PEAS.**

Green for fodder and often plowed under for fertilizing and found one of the most valuable of the green crops for this purpose, and gathering large quantities of nitrogen from the atmosphere enables the farmer to dispense with the use of fertilizer; enriches the soil without the use of ammoniated fertilizers. Sow 60 lbs. per acre broadcast, 30 lbs. in drills.

DWARF ESSEX RAPE.

Strong, hardy forage plant. Will grow in almost any soil, lasting until very late in the season and is excellent for fattening stock. Sown in May will be ready for pastur-

ing in July or August and when sown in June often furnishes excellent pasturage and fodder in the fall. It is often sown for a second crop following an early crop of potatoes. Sow broadcast 4 lbs. per acre, in drills 2 to 3 lbs.

GRASSES.**ORCHARD GRASS.**

Grown in shady places for hay, and in wooded upland pastures. Sow 30 to 38 lbs. to the acre.

KENTUCKY BLUE GRASS.

For lawns and pastures. Sow 30 to 40 lbs. per acre.

**ENGLISH BLUE GRASS, MEADOW
FESCUE.**

For lawns and pastures. Sow 30 to 40 lbs. per acre.

WOOD MEADOW.

For pastures and lawns, wet or shaded. Sow 30 to 40 lbs. per acre.

ENGLISH RYE GRASS.

For pastures and lawns, wet or shaded. Sow 30 to 40 lbs. per acre.

RHODE ISLAND BENT.

For pastures and lawns of light, loamy soil. Sow 30 to 40 lbs. per acre.

MEADOW OAT GRASS.

For hay or upland pastures. Sow 40 to 50 lbs. per acre.

SHEEP'S FESCUE.

For sheep pastures. Sow 30 to 40 lbs. per acre.

CRESTED DOG'S TAIL.

A strong, hardy Grass for dry upland playgrounds, lawns, or golf links. Sow 30 to 40 lbs. per acre.

SWEET VERNAL.

Annual. Used in lawn mixtures.

GRAINS.

Our grains are grown and cured almost entirely for seed purposes and come to us through the largest seed house in America, which has a reputation which is unsurpassed for quality.

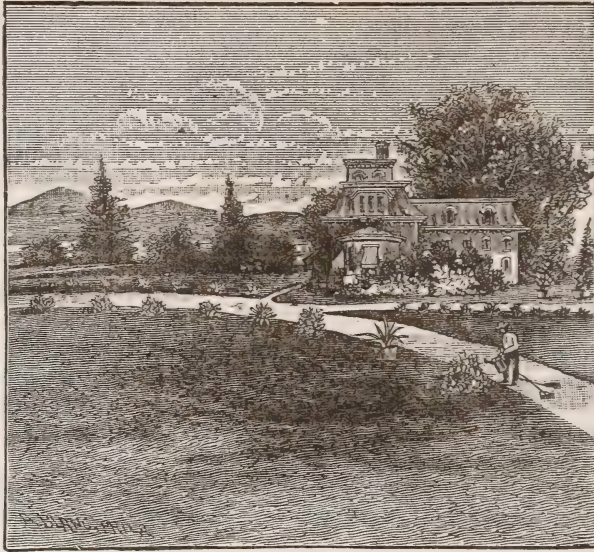
TWO-ROWED BARLEY.

Montana grown, large and white.

BEARDLESS BARLEY.**OATS.**

Large white, re-cleaned, Montana Oats; heaviest yielder we know of.

NATIVE OATS.**SPRING RYE.****WINTER RYE.****WINTER WHEAT.****SPRING WHEAT.****BUCKWHEAT.****INDIA WHEAT.**



LAWN MIXTURES.

BEST PRIME LAWN MIXTURES.

Containing Chaff Red Top, as nearly all known mixtures do. 15c. per lb.

G. B. H. CO'S. "PURITY" LAWN SEED.

Prepared only from Extra Choice Solid Seeds—free from Chaff. Sold in lb. pkgs. only. 25c. per lb.

RAFFIA.

From the Palm Raphia Ruffia Growing in Madagascar.

RAFFIA—(Natural).

For gardeners. Lb. 18c.

RAFFIA—(Natural).

Select for basketry. Lb. 25c.

TABLE OF WEIGHTS.

Weight per bushel. Weight to Seeds an acre.

Asparagus,		1 lb.
Beans, in hill,	60 lbs.	20 to 35 lbs.
Barley,	48 lbs.	95 to 120 lbs.
Beet, Garden,		6 lbs.
Beet, Mangel Wurzel,		6 lbs.
Buckwheat,	48 lbs.	30 to 60 lbs.
India Wheat,	48 lbs.	30 to 60 lbs.
Canary Seed,	60 lbs.	
Rye,	56 lbs.	84 lbs.

CLOVER SEEDS:

Alfalfa,	60 lbs.	10 to 15 lbs.
Alsike,	60 lbs.	8 to 10 lbs.
Crimson,	60 lbs.	10 to 15 lbs.
Red,	60 lbs.	8 to 14 lbs.
Pea Vine,	60 lbs.	8 to 10 lbs.

CORN.

Corn, in hills,	56 lbs.	14 to 18 lbs.
Corn, in drills,	56 lbs.	75 lbs.

Corn, broadcast,	56 lbs.	150 lbs.
Corn, sweet, in drills,		
for fodder,		75 lbs.
Corn, sweet, broadcast,		150 lbs.
Flax,	56 lbs.	56 to 70 lbs.

GRASS SEEDS:

Crested Dog's Tail,	21 lbs.	50 to 60 lbs.
Fowl Meadow,	14 lbs.	30 to 40 lbs.
Fescue, Meadow,	24 lbs.	30 to 40 lbs.
Fescue, Sheep's,	12 lbs.	30 to 40 lbs.
Kentucky Blue,	14 lbs.	30 to 40 lbs.
Lawn,		40 to 70 lbs.
Meadow Oat,		40 to 50 lbs.
Orchard,	14 lbs.	30 to 38 lbs.
Rye,	18 lbs.	30 to 40 lbs.
Rhode Island Bent,	12 lbs.	35 lbs.
Sweet Vernal,	11 lbs.	30 to 40 lbs.
Timothy,	45 lbs.	12 to 20 lbs.
Wood, Meadow,	14 lbs.	30 to 40 lbs.

MILLETS:

Hungarian,	48 lbs.	40 to 50 lbs.
Siberian,	50 lbs.	20 to 25 lbs.
German,	50 lbs.	40 to 50 lbs.
Japanese,		40 to 50 lbs.

OATS:

Oats,	32 lbs.	70 lbs.
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PEAS.

Field, Broadcast,	60 lbs.	150 to 180 lbs.
Field, with Oats,		90 to 100 lbs.
Cow, broadcast,	60 lbs.	60 lbs.
Cow, with Oats,		30 lbs.

POTATOES:

Potatoes,	60 lbs.
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RAPE:

Dwarf Essex,	55 lbs.	2 to 3 lbs.
Common,	50 lbs.	4 lbs.

DAIRY SUPPLIES.

Sharples Tubular Separators.

You Increase the Profits of the Dairy.

If you will sell two of the cows and put the money into a **Sharples Tubular Dairy Separator** you will not only save the expense of keeping the two cows, but will be able to take care of the work in the dairy with much less hard labor. Every cow in your herd should earn at least

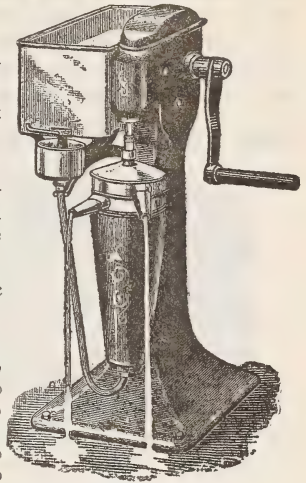
Five Dollars per Month,

and the cow that is worth the keeping will earn that amount if a Tubular Separator is used. The butter fat will all be taken out of the milk, and the butter made from separator cream will demand a higher price. The value of the skim milk alone will soon pay for the machine.

Don't make a mistake and buy a complicated, large bowl, high frame machine, if you want to make your cows profitable.

Prices of Tubular Hand Separators.

No. 1—175 to 200 lbs. capacity per hour,	\$40.00
No. 2—275 to 300 lbs. capacity per hour,	55.00
No. 3—350 to 400 lbs. capacity per hour,	65.00
No. 4—450 to 500 lbs. capacity per hour,	80.00
No. 6—650 to 700 lbs. capacity per hour,	100.00
No. 9—900 to 950 lbs. capacity per hour,	125.00



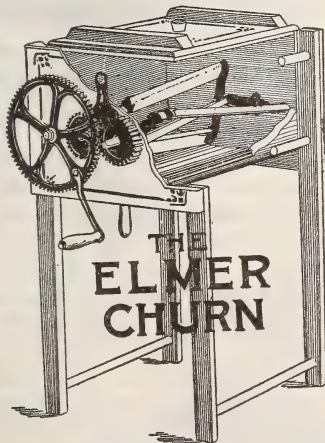
PRICES OF TUBULAR STEAM SEPARATORS.

No. 5; 500 to 550 lbs. capacity per hour,	\$100.
No. 7; 700 to 750 lbs. capacity per hour,	125.
No. 10; 1,000 to 1,100 lbs. per hour,	150.

We will allow a discount of 10 per cent. from these prices if cash accompanies order.

ELMER'S PATENT DOUBLE ACTING CHURN.

Unparalleled for Quickness, Ease, Durability and Economy. It is a perfect Butter Worker without making any changes.



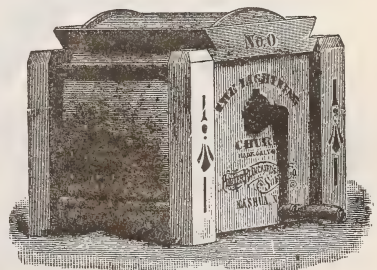
No. 1 will churn 8 qts. cream, price,	\$ 5.00
No. 2 will churn 10 qts. cream, price,	5.75
No. 3 will churn 15 qts. cream, price,	6.50
No. 4 will churn 20 qts. cream, price,	7.25
No. 5 will churn 25 qts. cream, price,	8.00
No. 6 will churn 35 qts. cream, price,	9.00
No. 7 will churn 45 qts. cream, price,	10.00

CYLINDER CHURNS.

No. 0 will churn 1 gal. price,	\$1.60
No. 1 will churn 2 1-4 gals. price,	1.85
No. 2 will churn 4 gals. price,	2.15
No. 3 will churn 7 1-2 gals. price,	2.50
No. 4 will churn 10 1-2 gals. price,	3.00
No. 5 will churn 15 gals. price,	3.35



The Cylinder Churn.



LIGHTNING CHURN.

No. 0 will churn 2 gals. price,	\$2.25
No. 1 will churn 3 gals. price,	2.60
No. 2 will churn 4 gals. price,	3.00
No. 3 will churn 5 gals. price,	3.40

BLANCHARD CHURNS.

No. 3 will churn 2 gals. price,	\$3.80
No. 4 will churn 4 gals. price,	4.25
No. 5 will churn 8 gals. price,	4.85
No. 6 will churn 12 gals. price,	6.00
No. 7 will churn 16 gals. price,	7.25

THE SURPRISE BARREL CHURN.

No. 1 will churn 1 to 4 gals. cream, capacity 10 gals., price,	\$ 7.50
No. 2 will churn 2 to 7 gals. cream, capacity 15 gals., price,	8.50
No. 3 will churn 3 to 9 gals. cream, capacity 20 gals., price,	9.50
No. 4 will churn 4 to 12 gals. cream capacity 25 gals., price,	11.50
No. 5 will churn 5 to 16 gals. cream, capacity 35 gals., price,	14.00
No. 6 will churn 6 to 28 gals. cream, capacity 60 gals., price,	20.00

OAK DASH CHURN.

No. 0-3 gals., with dasher,	\$.90
No. 1-5 gals., with dasher,	1.00
No. 2-7 gals., with dasher,	1.10
No. 3-9 gals., with dasher,	1.20
No. 4-12 gals., with dasher,	1.25

STONE DASH CHURN.

2 gal., price with dasher,	\$.60
3 gal., price with dasher,	.70
4 gal., price with dasher,	.80
5 gal., price with dasher,	.90
6 gal., price with dasher,	1.00

**HERO BARREL CHURN.**

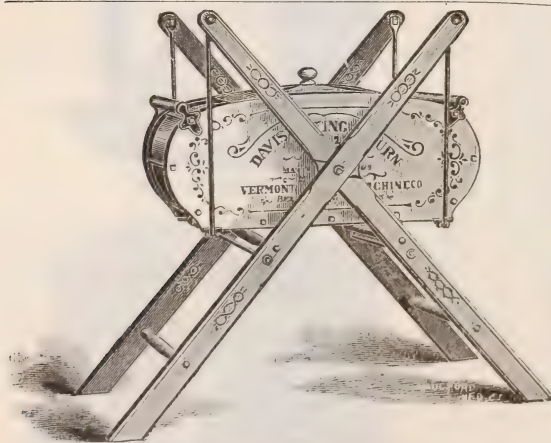
Similar in construction to the Stoddard and Surprise. Not so finely finished, but strong and serviceable, at a less price.

No. 1 capacity 10 gals., will churn 1 to 4 gals., price,	\$4.50
No. 2 capacity 15 gals., will churn 2 to 7 gals., price,	4.75
No. 3 capacity 20 gals., will churn 3 to 9 gals., price,	5.25
No. 4 capacity 25 gals., will churn 4 to 12 gals., price,	6.75
No. 5 capacity 35 gals., will churn 5 to 16 gals., price,	7.75

DAVIS SWING CHURN.

These churns are always right side up—no danger of the cover dropping off, as is often the case in the revolving churns, letting the cream upon the floor. They are always ventilated. They are beyond question the easiest to operate, easiest to empty, easiest to clean, easiest to fold up in small compass and store away when not in use.

No. 1 will churn 4 gals., or less, capacity 8 gals., weight 55 lbs., price,	\$ 6.75
No. 2 will churn 5 gals., or less, capacity 10 gal., weight 59 lbs., price,	7.75



Davis Swing Churn.

No. 3 will churn 8 gals., or less, capacity 16 gals., weight 73 lbs., price,	9.50
No. 4 will churn 10 gals., or less, capacity 20 gals., weight 85 lbs., price,	11.50
No. 5 will churn 13 gals., or less, capacity 26 gals., weight 98 lbs., price,	14.25
No. 6 will churn 17 gals., or less, capacity 34 gals., weight 112 lbs., price,	17.25

Size of Churn. There is less liability of getting churns too large than too small. Be sure and order churns large enough. There must be room in the churn to produce the concussion, and a small churn too full will require a longer time for churning.

STODDARD BARREL CHURN.

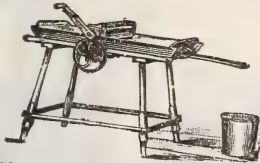
In all essential respects the same as the Surprise, and fully as well made, the only difference being in the method of fastening the cover down.

No. 1, capacity 10 gals., will churn 1 to 4 gals., price,	\$ 6.50
No. 2, capacity 15 gals., will churn 2 to 7 gals., price,	7.25
No. 3, capacity 20 gals., will churn 3 to 9 gals., price,	8.00
No. 4, capacity 25 gals., will churn 4 to 12 gals., price,	9.50
No. 5, capacity 35 gals., will churn 5 to 16 gals., price,	11.00
No. 5 1-2, capacity 45 gals., will churn 5 to 20 gals., price,	13.50
No. 6, capacity 60 gals., will churn 6 to 28 gals., price,	16.00

WATERS' BUTTER WORKER

Without doubt the most practical and best known Butter Worker on the market. Guaranteed to handle butter in any condition satisfactorily.

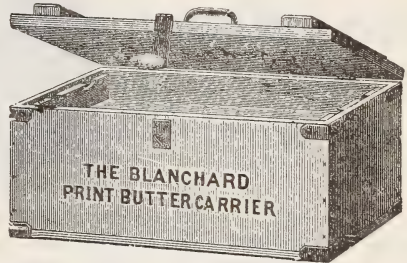
No. 0, tray 27 in. long 14 in. wide; capacity, 1 to 15 lbs; price,	\$ 6.00
No. 1, tray 36 in. long, 15 in. wide; capacity, 5 to 30 lbs; price,	7.00
No. 2, tray 36 in. long, 18 in. wide; capacity, 5 to 40 lbs; price,	8.00
No. 3, tray 30 in. long, 20 in. wide; capacity, 5 to 50 lbs; price,	9.00
No. 4, tray 48 in. long, 22 in. wide; capacity, 10 to 75 lbs; price,	11.00



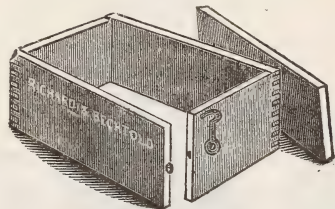
Waters' Butter Worker.

BLANCHARD BUTTER CARRIERS.

No. 6½, 4 trays, 12 lbs. capacity, price,	\$1.50
No. 7, 4 trays, 16 lbs. capacity, price,	1.85
No. 8, 4 trays, 24 lbs. capacity, price,	2.10
No. 9, 4 trays, 32 lbs. capacity, price,	2.35
No. 10, 5 trays, 40 lbs. capacity, price,	2.65
No. 11, 6 trays, 48 lbs. capacity, price,	3.15



With or without Galvanized Ice Boxes. Will be shipped without Ice Boxes, unless they are ordered. Ice Boxes separate, 50c. each.



Boston Mould.

GENUINE BLANCHARD BUTTER MOULDS.

1-2 lb. 70c; 1 lb. 85c; 2 lbs. \$1.25.

IMITATION BLANCHARD MOULDS.

1-2 lb. 40 cts.; 1 lb. 50 cts.

1 LB. BOSTON BRICK MOULD.

Price, 20 cts.

1-2 LB. ROUND MOULD.

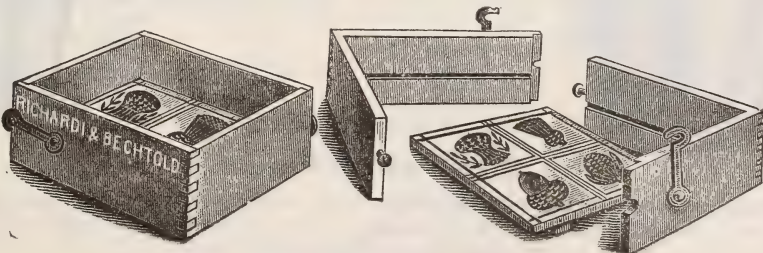
Price, 30 cts.

1 LB. ROUND MOULD.

Price, 30 cts.

ROUND INDIVIDUAL MOULD.

Price, 5 cts.



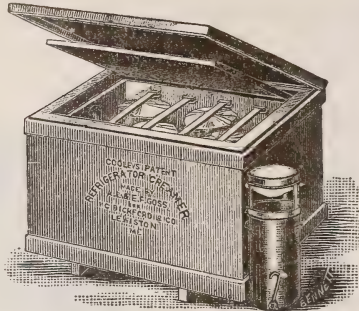
Blanchard Butter Moulds.

Cooley Creamers.

The Best

Gravity Method

in the World.



"Refrigerator" Style.

Four

Thousand in

Use in Maine.

PRICE OF TANKS, LESS CANS:

No. 1, for three cans	\$11.00
" 2, " four cans	14.00
" 3, " six cans	16.00
" 4, " eight cans	18.00
" 5, " ten cans	20.50
" 6, " twelve cans	22.00
" 7, " fourteen cans	25.50
" 8, " sixteen cans	29.00

Price of Tank includes Strainer Frame and Thermometer.

PRICE OF CANS, SEPARATE FROM TANKS:

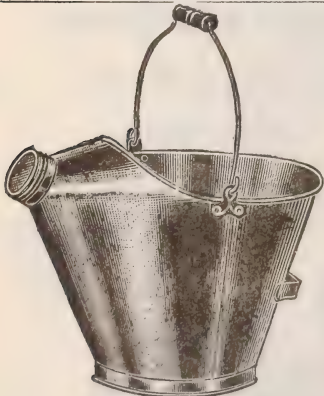
Goss Special Milk Cans, each	\$ 1.50
Goss Special Milk Cans with Lock Cover, each	1.60
Goss Special Milk Cans with Lock Cover and Bail, each	1.65
Buffalo Milk Cans, each	1.00
Cream Storage Cans with G. S. Cover	1.00
Cream Storage Cans with Buffalo Cover	.75

Strainer Pails.

No. 1012—12 qt., each	\$.90
No. 1014—14 qt., "	1.00
No. 114—14 qt., "	.40
No. 124—12 qt., "	1.10

Dairy Pails.

10 qt. ix each	\$.25
12 qt. ix "	.30
14 qt. ix "	.35
10 qt. ixx "	.30
12 qt. ixx "	.35
14 qt. ixx "	.40
10 qt. 1c Flaring .15, 2 for .25.	



Small's Calf Feeder.

A simple contrivance for feeding a calf away from its mother. Any liquid food may be used, and as the calf sucks through a nipple, in a natural manner, it causes a natural flow of saliva which mixing with the food, produces a much healthier calf than one drinking from a pail.

Price, each,

\$1.75.

Extra nipples for same,

20c.

Champion Milk Cooler Aerator.



A Perfect Aerator, removing all flavors arising from excessive cabbage, turnip or silo rations.

A complete dedorizer, removing the animal heat or cowy taste and all odors arising from the absorption by the milk of stable or other unpleasant gasses.

A thorough cooler, reducing the temperature of the milk in one minute nearly to the temperature of the cooling medium.

It is equally well adapted to the use of any cooling medium either running water, ice water, or, if a very low temperature is not required, ordinary well or spring water.

Is Automatic, requiring no attention while in operation.

Is low down, combining greatest cooling surface with least height.

It is as simple in construction and easily cleaned as a pail—no joints or seams for the harboring of impurities and no crooked pipes to rust.

No.	Capacity of Milk Receiver.	Size of Dairy.	Takes Care of	Price
1	10 quarts	1 to 10 cows	2 Milkers	\$4.75
2	18 "	10 to 25 "	3 "	5.00
3	34 "	25 to 50 "	5 "	5.50
4	52 "	50 to 100 "	8 "	6.75

The Sensible Bottle Filler.

This is a small tank, heavily tinned and holding about 60 quarts.

It has two straight bore faucets in the bottom near the edge. They are inexpensive and very handy for small milk dealers who do not feel like paying a large sum for one of the larger machines.

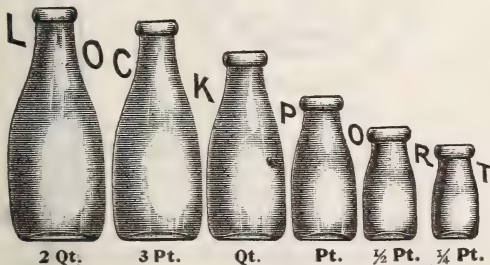
Price, each

\$3.75



Milk and Cream Bottles.

The old dented, dirty, rusty milk can must go. As an indication of a higher standard of living, people everywhere are insisting that their milk and cream be delivered in clean, wholesome glass bottles



2 Qt. 3 Pt. Qt. Pt. ½ Pt. ¼ Pt.
SIZES.
LOCKPORT MILK BOTTLES.

and the milk man who does not get into line will soon be left far behind his more progressive brethren.

The Common Sense Bottle has a clean waxed paper cap, easily removed, and no taint is possible.

Prices.

½ Pint Common Sense	\$.50 doz.
1 " " "	.60 "
1 Quart " "	.75 "
½ Pint Lightning "Tin Top"	.60 "
1 " " "	.70 "
1 Quart " " "	.85 "

Special prices to milkmen in gross lots.

Milk Bottle Caps.

Best Grade Parafined No. 1 and 2,

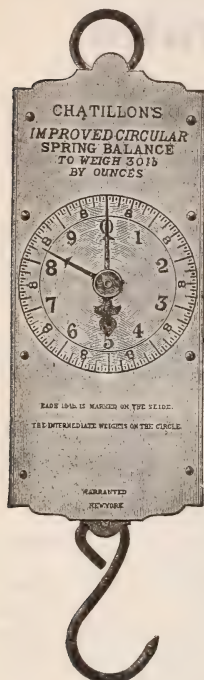
\$.20 lb.

Health with Lip No 1 and 2,

.30 "

Thin Caps to be used with Lightning tops

.15 "



Milk and Cream Scales.

These scales are made with a loose pointer, which, by means of a thumb screw on the center of the pointer, may be set anywhere on the dial, thus taking the tare of the milk pail, etc. They are made with pounds divided in ounces or decimally.

PRICES.

No. 260 M. O. 30 lbs. by 1 oz., \$3.00. No. 260 M. D. 30 lbs. by 1-20 lb., \$3.25
 " 270 M. O. 60 lbs. by 2 oz., \$3.50. No. 270 M. D. 60 lbs. by 1-10 lb., \$3.75

The Common Sense Calf Feeder.

What It Is. The Common Sense Calf Feeder is a simple, practical device for weaning and feeding calves so simple and so practical that every calf owner will see the value of it at a glance.

What It Does. It enables you to feed the calf out of a bucket in nature's old way. If you could afford to let your calf run with the cow until nature compelled it to seek food elsewhere, there would be no scouring, unhealthy calves.

Following nature, this feeder not only saves trouble and milk, but it prevents the calf from taking its food in the great gulps that play havoc with the digestive organs.

Single Feeder, price,	\$2.00
Double Feeder, price,	3.00
Nipples for same,	.25
Tubing for same,	.25
Reinforcements for same,	.10
Sinkers for same,	.15

Rice's Calf Weaners.

No. 1 For calves till one year old, price,	.30 by mail .35
No. 2 From one to two years old, price,	.50 by mail .56
No. 3 For full grown animals and self suckers, price,	.75 by mail .85

COW TAIL HOLDERS.

Holds the tail securely while milking.

Each 5c.

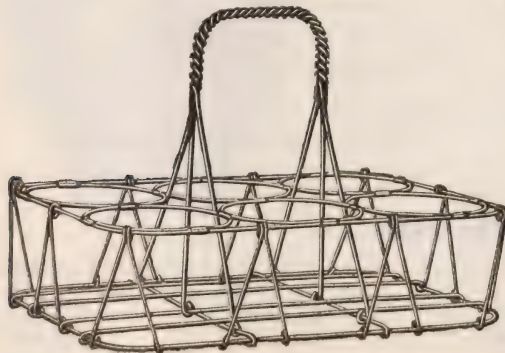
BUTTER COLOR.

Small Wells, Richardson & Co.'s, price, .25
 Medium Wells, Richardson & Co.'s, price, .50
 Large Wells, Richardson & Co.'s, price, 1.00

We also carry in stock, Hansen, Waverly, and Thatcher's Butter Colors. Write for price in large or small quantities.

MILK JAR CARRIERS.

No. 44, 4-quarts,	.50
No. 46, 6-quarts,	.65
No. 4422, 4-quarts and 2 pints,	.65

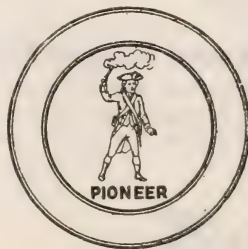


WAXED BUTTER OR LARD DISHES.

Used largely by Grocers and provision dealers for Butter, Lard, Pickles, etc.

1 lb. 2 lbs. 3 lbs. 5 lbs.

Write for price when in need.



Butter Paper.

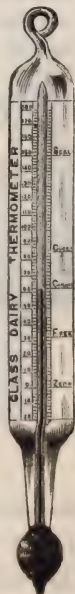
We handle exclusively The Pioneer Brand of high grade vegetable parchment paper and guarantee it to be the very best obtainable. We solicit correspondence for large or small quantities in any size, plain or printed with special design.

Dairy Sundries.

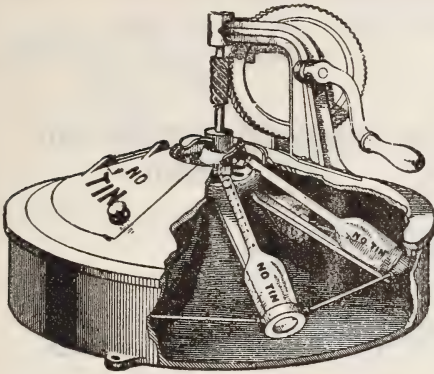
Butter Ladles, each,	.10
Butter Spades, each,	.05
Cream Cans, each,	.75 to \$1.00
Milk Cans, each,	\$1.00 to \$1.50

Dairy Thermometers.

Small Glass Floating, each,	.10
Large Glass Floating, each,	.55



No Tin Babcock Tester.



This Tester is built particularly for high grade dairies where a complete, well built, high grade tester is needed. It is constructed entirely of cast iron, bronze and steel, and is practically indestructible. It is made to turn by hand.

All gears are cut from the solid and it is consequently noiseless and easy to turn. It is geared so that a slow speed on the handle gives an ample number of revolutions to the head. The head is entirely enclosed in a strong cast iron frame so that there is no danger from flying acid in case of bottle breakage. Bottles are held in a peculiar manner, so that they will stand a higher speed than in most other testers.

Prices.

No. 1-4 Bottle for milk,	\$6.00
" 2-6 " " "	6.75
" 3-8 " " "	7.50
" 4-10 " " "	9.00
" 5-12 " " "	10.50

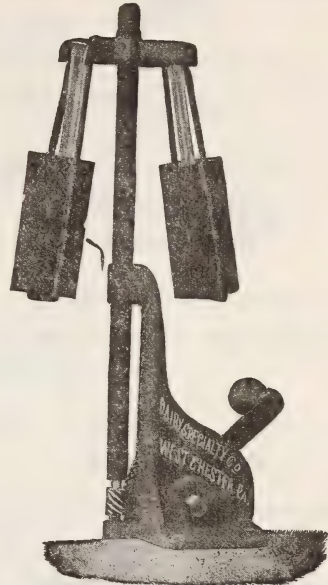
The "Boston" Aseptic Milking Tube.



2 1-4 inch, Self-retaining. Exact Size.

Manufactured regularly in 1 1/4, 2 1/4, 2 3/4, 3 1/4 inch lengths as desired, Price 25c.

The Farmer's Tester.



The Farmer's Tester is a machine designed especially for the farmer, who is progressive enough to want to know what the milk he is using or selling is worth, and what he should consequently get for it.

Prices.

No. 0-2 Bottle for Milk,	\$2.50
" 1-2 " " " and Cream,	2.75
" 2-4 " " " " " " " " " " "	3.00
" 3-4 " " " " and Cream,	3.25

Peel's Original and Only Compound Condition Food.



For Horses, Cattle, Poultry and Swine. Will put them in good condition when all others fail.

12 lb. Pails	\$1.00
12 1/2 lb. Bags	.90
25 lb. Bags	1.50

ARABIAN SCRATCH AND GALL CURE.

It is a scientific remedy for scratches and Grease Heel. It works as Horsemen like to have it.

3-oz. pkg., 25c; 9-oz. pkg., 50c.

BAG BALM.

Cures chapped, cracked and sore teats, bunches, caked bag, chafing, cuts and inflammation.

Price per box, 50c.

COW RELIEF.

It is used as a local application on cows' bags and teats. It will cure caked bags in 12 to 24 hours, if taken at the start.

½lb. pkg.,	\$.50
1½lb. pkg.,	1.00

CALVES' CORDIAL.

Is free if it fails to cure Scours in Cows and Calves.

2 lb. pkg., 50c.

COW TONE.

The great constitutional Disinfectant and Milk Producer. Exclusive for cows.

Per pkg., 50c.

DR. HESS' HEALING POWDER.

Cures Galls, Heals and Prevents Proud Flesh.

4 oz. pkg., 25c.

INTERNATIONAL WORM POWDER.

INTERNATIONAL COLIC CURE.

AMERICAN HORSE TONIC.

BLATCHFORD'S CALF MEAL.

The perfect Milk Substitute for Calves, Colts, Lambs and Young Pigs.

50 lb. bag, \$2.00; 100 lb. bag, \$3.50

BLATCHFORD'S SUGAR AND FLAXSEED.

The best Food for Stock at one quarter the price of Stock Foods.

100 lb. bag, \$3.50

DR. HESS' STOCK FOOD.

Is the most paying condiment or medicated food ever given to Horses, Cattle, Hogs or Sheep.

2½lb. pkg.,	\$.25
7 lb. pkg.,	.50
12 lb. pkg.,	.80
12 lb. bags,	.75
25 lb. pail,	1.50
100 lb. sack,	5.00

KOW KURE.

The Great Medicine for Cows Only.

It acts upon the digestive, generating and milk-secreting organs, keeping the entire system toned up and in perfect working order. It goes to the root of trouble, and cures cow diseases by removing the cause.

It prevents Abortion, cures Barrenness, removes Retained Afterbirth, prevents Tuberculosis, stops the Scours, cures Milk Fever, Caked Udder, Swelling in the Bag, Bloating, Red Water, increases the flow of milk, cures cows "off their feed," improves the quality of Milk and MAKES COWS PAY.

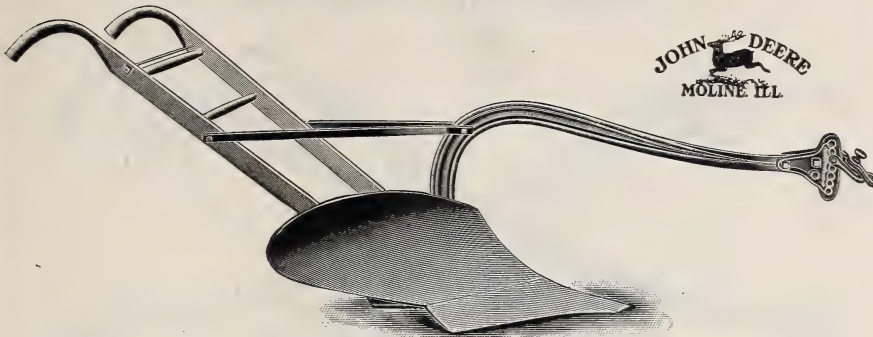
Price, 50c. and \$1.00 per can.

GRANGE GARGET CURE.

Positively cures garget without in any way injuring the cow or lessening the flow of milk, and tones and invigorates the effected parts.

Price, 50c. per can

DEERE WALKING PLOWS



Steel Frame Plow .. General Purpose Series .. Steel Beam

Hardened soft-center steel share.

Hardened soft-center steel moldboards.

Wrought steel frame.

High solid steel landside, with cast slip heel.

Double-beaded steel beam, high curve.

Straight handles, interchangeable on all plows of same size and pattern.

The plows of this series are built to work in old ground, stubble or tame sod, where the soil is of sandy composition. Having a low, wide throat, leaves a clean furrow for the furrow horse and plowman to walk in. They have a wide, easy turn of the moldboard which gives them lightness of draft, and are general favorites in the sandy mixed soils of Indiana, Michigan and Eastern States.

For use in gravelly or stony soil we furnish this series of plows with hardened soft-center steel moldboards, hardened steel landside with a chilled cast iron slip heel, chilled cast iron share or with hardened steel moldboard, chilled cast iron share and landside with cast iron slip heel. This makes a combination Plow, moderate in price, with the high scouring qualities of a full steel plow. Also well suited for use in timber lands and in new ground.

Steel Frame Plows .. General Purpose Series

Steel Beam .. Right and Left Hand .. Steel Landside .. Steel Share.

Brand	Cut	Weight	Steel Share	Cast Share	Telegraph Code	
					Left Hand	Right Hand
MP 11 D	12-in.	109 lbs.	No. 125	C 125	Gemara.	Adight.
MP 13 D	13-in.	115 lbs.	No. 126	C 126	Gematry.	Adinole.
MP 15 D	14-in.	121 lbs.	No. 127	C 127	Gemma.	Adipate.
MP 17 D	16-in.	138 lbs.	No. 110	-----	Gemmate.	Adinida.

Steel Beam .. Right and Left Hand .. Steel Landside .. Chilled Cast Share and Extra Share.

Brand	Cut	Weight	Cast Share	Telegraph Code	
				Left Hand	Right Hand
MP 11 D	12-inch	125 lbs.	C 125	Gemmoid.	Adjoin.
MP 13 D	13-inch	130 lbs.	C 126	Gemman.	Adjoined.
MP 15 D	14-inch	135 lbs.	C 127	Gemmated.	Adjoint.

Steel Beam .. Right and Left Hand .. Chilled Cast Landside.

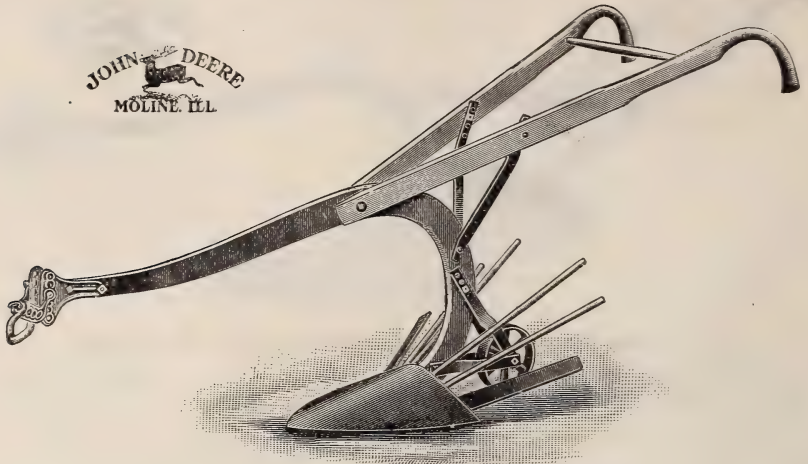
Chilled Cast Share and Extra Share.

Brand	Cut	Weight	Cast Share	Telegraph Code	
				Left Hand	Right Hand
MP 11 D	12-inch	125 lbs.	C 125	Gemmule.	Adjoist.
MP 13 D	13-inch	130 lbs.	C 126	Gemmy.	Adjudge.
MP 14 D	14-inch	135 lbs.	C 127	Gemot.	Adjudger.

EXTRAS FOR ABOVE PLOWS AS ORDERED :

Steel Fin Cutter. Reversible Standing Cutter. No. 30 Gauge Wheel.

DEERE POTATO DIGGERS



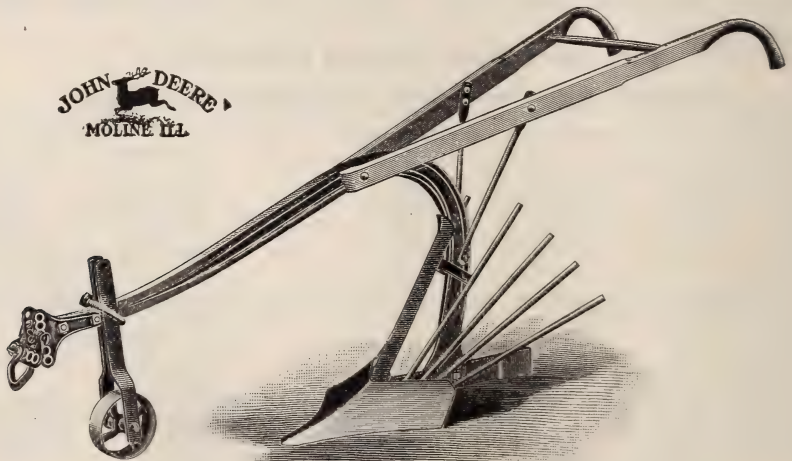
Deere Potato Digger

Steel beam.

Hardened soft-center steel blade.

Provided with rear gauge wheel and adjustable handles.

The Deere Potato Digger has been in successful use for many years and is equal to any requirement that may be made on it. It works with very light draft and throws the potatoes out of the ground without cutting, leaving the ground in good shape. The gauge wheel regulates the depth and helps to steady the Digger.



Eclipse Potato Digger

[Patented June 27. 1899]

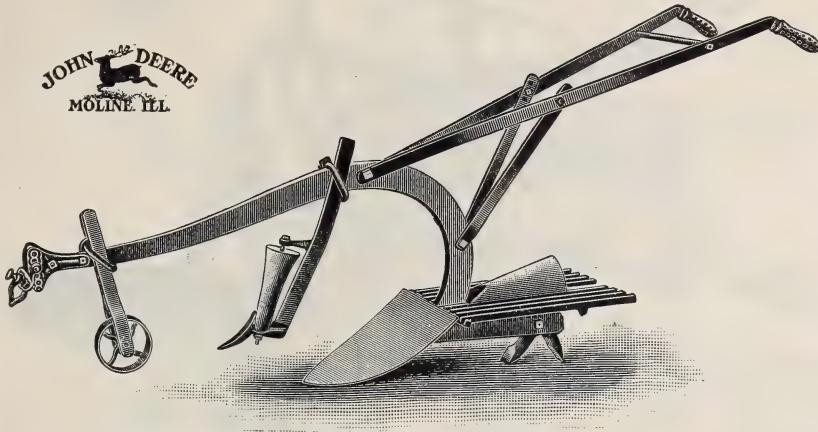
Steel beam.

Natural temper steel blade.

Furnished with gauge wheel, adjustable handles.

The Eclipse is an effective and moderate-priced Potato Digger and one which has been used with marked success. It is built in a substantial manner throughout, and will perform the work for which it is intended in a most satisfactory manner.

DEERE POTATO DIGGERS—Continued



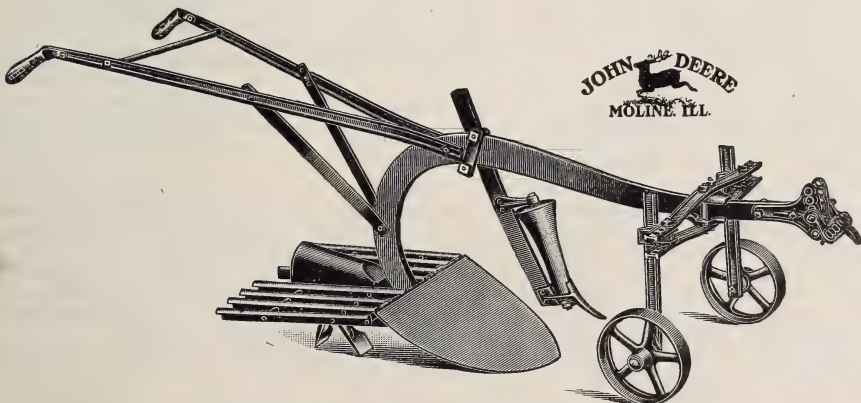
Shaker Potato Digger.

Steel beam.

Natural temper steel blade.

Provided with weed fender and gauge wheel.

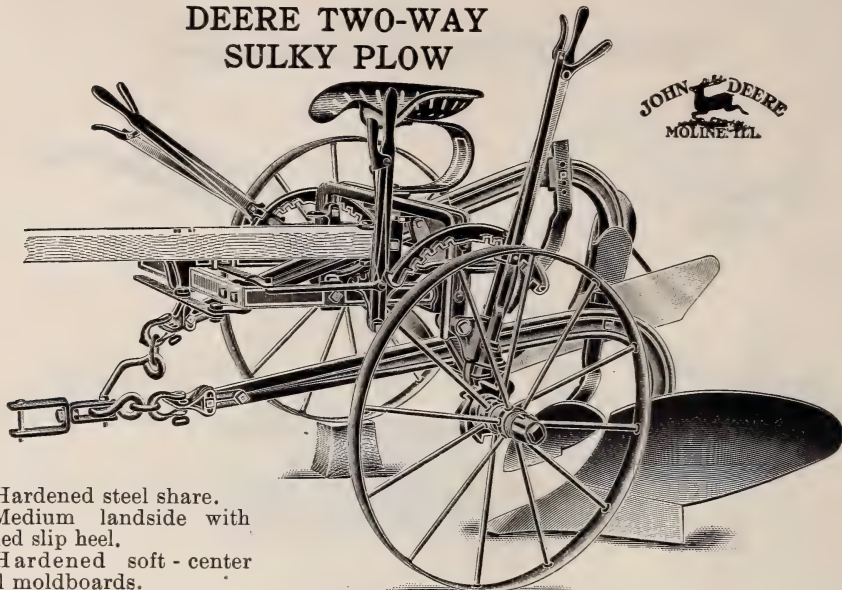
The Shaker Digger has a perfectly flat blade and will not cut the potatoes. The rod grating is hinged at the front and is given an up-and-down shaking motion by the sprocket wheel at the rear. This shakes the dirt off from the tubers and leaves them clean and whole on top of the ground. The weed fender is intended to clear away weeds and vines, preparing the way for the blade. The Digger is shipped with gauge wheel and fender unless ordered without.



Shaker Potato Digger .. With Fore Carriage

The Fore Carriage has cast wheels and adjustable shanks. Sold only as an extra.

DEERE TWO-WAY SULKY PLOW



Hardened steel share.
Medium landside with
chilled slip heel.
Hardened soft-center
steel moldboards.

Furnished with jointers, rolling coulters or fin cutters as ordered.

12-inch and under shipped regularly with doubletree.

13-inch and over shipped regularly with tripletee.

A highly practical, convenient and very simple tool, specially adapted to side hills and irregular shaped lands, but equally useful in any kind of plowing.

The object of a two-way plow is, first, for plowing side hills, making it possible to work the soil all in one direction, relieving draft and producing better work.

Second, plowing irregularly shaped pieces where it is impossible to lay out a rectangular land.

Third, for plowing any land where it is desirable to throw the earth all one way, leaving no ridges or dead furrows.

The Deere Two-Way Sulky accomplishes all this and is a strictly first-class implement in every respect.

The frame is made of wrought steel amply strong and rigid to stand any probable strain. The axles and bails, the levers, and the wheels are all steel, and all the castings are malleable iron. In point of construction this plow is the equal of any plow we make.

Each plow is entirely independent of the other, having its own operating lever for adjusting depth, its own lifting device, and in all ways works independently of the other except that in leveling either plow for work the lever to the opposite plow must be set so as to allow the wheels to assume their proper relative positions.

The lift is done entirely by the team, the operator simply pressing the lifting lug into the ratchet on the hub of the wheel.

The tongue is adjustable by means of an adjusting device which is operated by a lever within easy reach of the operator's left hand. This device enables the operator to regulate the landing of the plow and width of furrow, plow an even furrow around curves and relieve the horses from side strain.

The strong steel wheels are high, made with staggered spokes, oil-tight, dust-proof, long-distance wheel boxes, almost entirely eliminating friction on the spindles and making very light draft. The furrow wheel moves in advance of the plow in proportion to the depth of the furrow, preventing the earth being thrown into the wheel.

The draft is from the beam point, and with our new pulley shift clevis, the draft link shifts on the rod from one plow to the other according to which one is doing the work. The pulley wheel on the clevis allows perfect action in this respect and further latitude is obtained by the swivel arrangement. The draft is adjustable as to height.

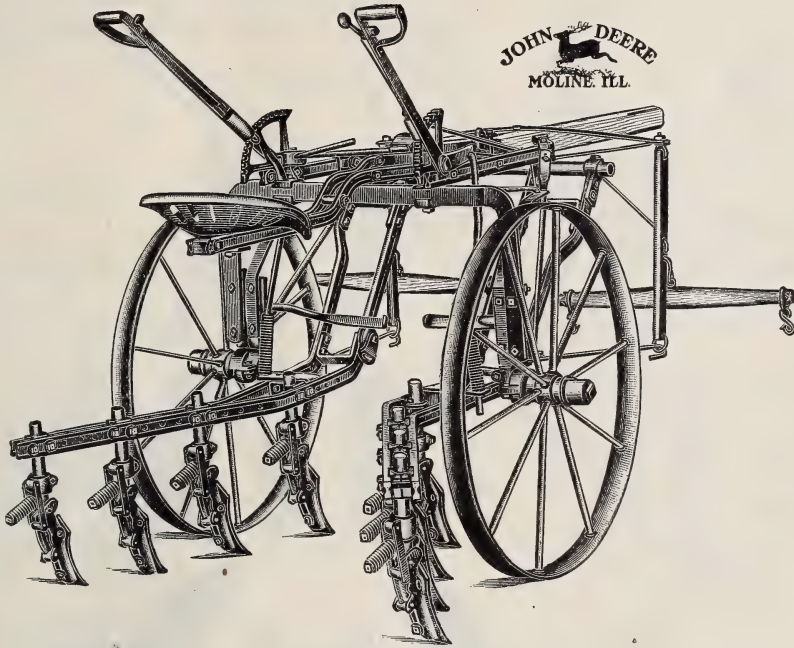
The jointers are adjustable, and turning the line of the furrow ahead of the plow makes lighter draft and cleaner work.

In operation this plow handles with remarkable ease, any boy who can drive a team can work it readily; is easy on the team and performs its work with a degree of perfection not excelled by any plow made.

One advantage of this plow in regular plowing that should not be lost sight of is that it enables you to plant close up to your plowing, following the plow immediately with the harrow and that with the seeder.

It leaves no dead furrows on irrigated land.

DEERE PIVOT AXLE CULTIVATOR



This Cultivator is all steel and malleable, built to make it substantial, attractive in appearance, with ample strength and durability.

The pole has an up-and-down adjustment at the rear end for the purpose of regulating the depth of the front shovel and leveling the machine to suit any height of team.

Pivot wheels are particularly useful for hillsides or for work in irregular rows when the wheels, guided by the feet, may be instantly turned to the right or left as desired. The foot rests are so arranged that they may be easily adjusted to any position, necessary for the convenience of the operator in controlling the wheels. The wheels may be made rigid for level work by a hook rod attached to the frame bar engaging with the clamp on the adjusting bar.

The frame is adjustable, affording a variation of thirteen inches in the tread of the wheels, adapting the cultivator to any width of row from 28 to 48 inches. The arch has a clearance of 34 inches in height.

The rigs are of high carbon channel steel, and being double with holes punched at equal distances in the web of the beam, enables the user to have two, three or four shovels on a side at any desired space. The rigs have a lateral adjustment of nine inches, and can be widened or narrowed while the shovels are in the ground by a small lever within easy reach at the left of the operator. They also extend out beyond the wheel far enough to allow the rear shovel to cut out the wheel track.

The shanks, $1\frac{1}{8}$ " round steel with malleable sleeves, are held in position between the beams by two malleable blocks securely fastened by two bolts, and are made either pin or spring break; equipped with double point shovels of various widths.

DEERE PIVOT AXLE CULTIVATOR—Continued

The couplings have an adjustment for taking up the wear, thus always insuring a close fit on the shifting bar. The side levers serve both to raise and lower the rigs, also regulate the depth, and are equipped with compression springs giving an even, slightly yielding pressure on all of the shovels.

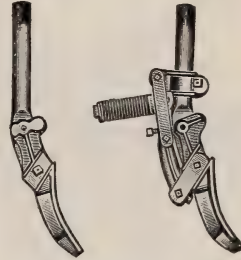
The hitch is of the drop or pendant style, pulling direct on the rigs, thus bringing the draft in the proper place and removing all neck weight while at work.

The pendants are held in a perpendicular position by a rod connecting them with the even-er, thus preventing the drawing in and overlapping of the singletrees.

The seat is large and comfortable, adjusted to height as also to weight of driver, insuring a perfect balance while the cultivator is in operation.

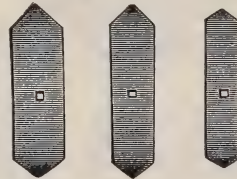
The wheels are 34 inches in diameter, $2\frac{1}{2}$ " concave tire, staggered spokes, and are equipped with oil-tight, dust proof, screw cap, long distance boxes. With these boxes it is an easy matter to oil the axles by filling the screw cap with axle grease and screwing same into place on the hub, thoroughly lubricating the axle by forcing the grease the entire length of it.

The attachments that may be used on this tool are Disc Hillers, Moldboard Hillers, Furrowing Shovels, Spring Teeth, and center or fallow attachments.

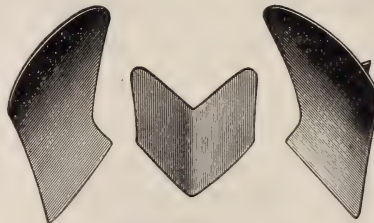


Pin Break.

Spring Trip.

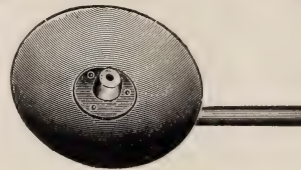


Regular Shovels
of various
widths.

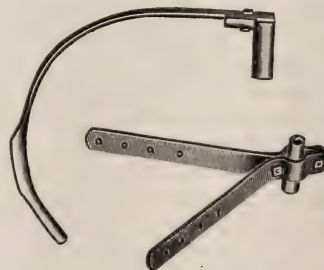


Moldboard
Hillers.

Furrowing
Shovel.



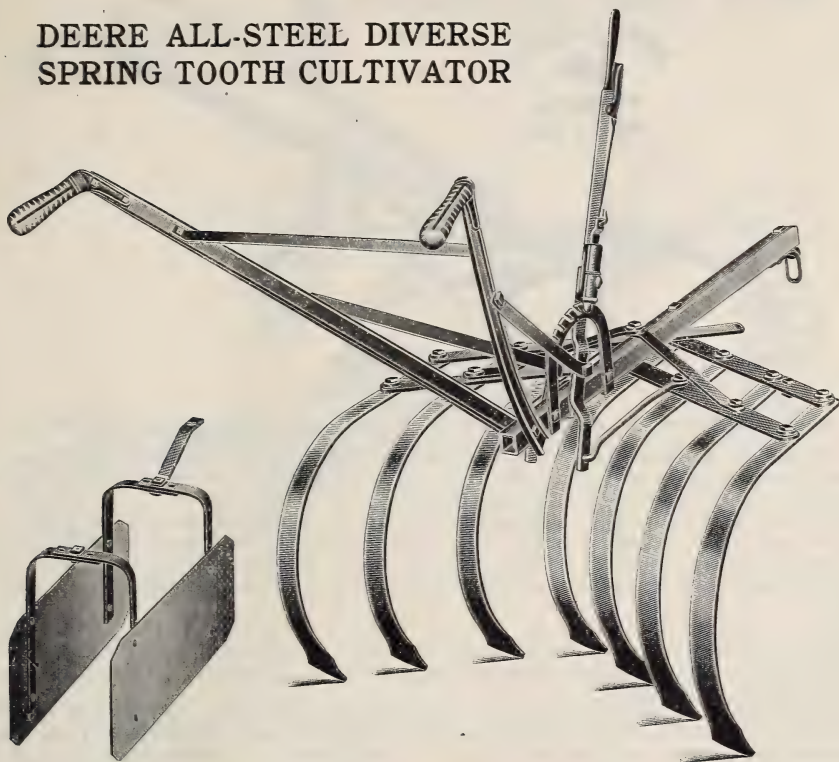
Disc Hiller.



Spring Tooth.

Center or Fallow
Attachment.

DEERE ALL-STEEL DIVERSE SPRING TOOTH CULTIVATOR



Deere Diverse .. Shown as an A-Shaped Cultivator

A Universal Cultivator or Harrow and a great favorite for cultivating cotton, corn, potatoes, etc. Through its numerous adjustments the Deere Diverse Cultivator as regularly furnished can be converted into six distinct tools, as follows :

Diverse Cultivator, with center tooth in rear.

Diverse Cultivator, with center tooth forward.

Seven-tooth Side Harrow, either right or left.

Five-tooth Side Harrow, either right or left.

Seven-tooth Straight Harrow.

Five-tooth Straight Harrow.

For an A-shaped cultivator simply throw the lever forward. In this position the earth is thrown from the center to the drill and cultivates between the rows and pulverizes to perfection.

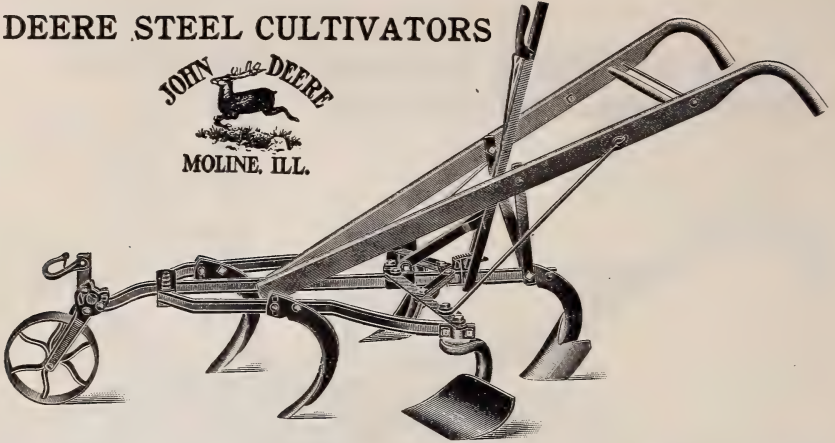
When used as a V-shaped cultivator the lever is thrown back, and by taking out center tooth it throws enough dirt to the drill to make the cultivation of young plants all that one could desire. If plants are very small the center tooth is removed and a shield substituted in its place.

When used as a side harrow, either right or left, the left-hand lever hook is removed ; also bolt the top and bottom front tooth bars together by placing bolt in holes provided on the left side. The lever is thrown forward for a right-hand side harrow and back for a left-hand. Should the seven tooth harrow prove to be wider than necessary, the two outside teeth can be removed and the result is a five-tooth harrow with the same adjustments.

When conditions require it, the Deere Diverse Cultivator can be equipped with a shield. This is furnished only as an extra. To attach, remove the center tooth and bolt the shield arm to the front tooth bar.

In irregular width of rows one can widen or narrow the cultivator with a single movement of the lever and without stopping the team. This cannot be done with other makes and means a great saving of time. The center tooth can be removed, if necessary.

DEERE STEEL CULTIVATORS



Deere Steel Five-Tooth Cultivator .. With Horse Hoes, Sweep and Wheel

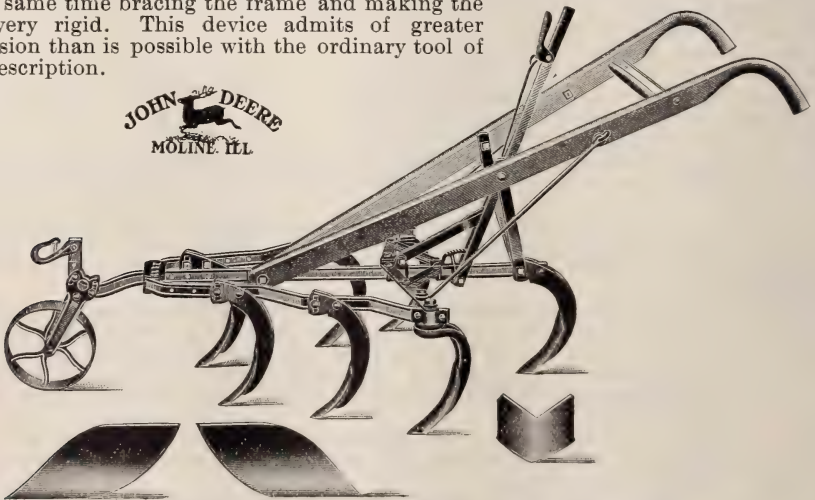
A Five or Seven-Tooth Cultivator with steel frame, adjustable to different widths. The shovels are steel and reversible. The front and rear shanks have three holes at the top, allowing the shovels to be set at different angles.

This cultivator is especially adapted to the use of market gardeners, as well as for general use. The horse hoe blades are reversible, and the adjustment of the shanks admits of a variety of work. By changing the horse hoe blades from one side to the other the earth can be thrown to or from the crop. Furnished with wheel when so ordered.

Broom corn, cotton and many other crops have to be hoed very carefully by the ordinary method of culture, but either can be almost entirely worked by this cultivator. It is adapted to the cultivation of corn, potatoes, cotton, tobacco and all other crops that require similar cultivation.

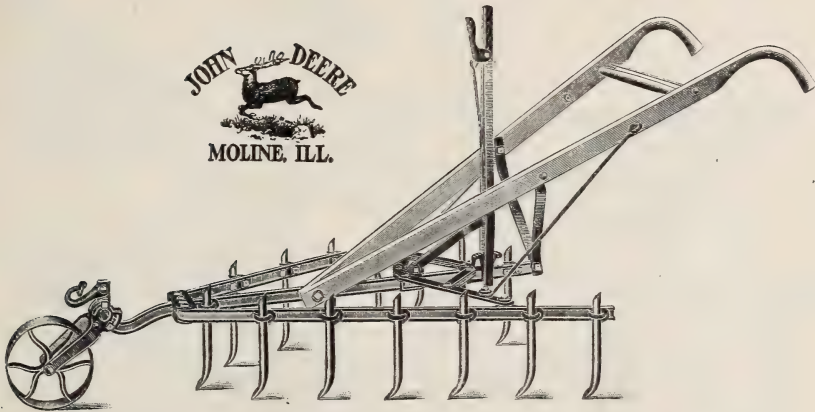
Being equipped with lever expander, and reversible cultivator shovels, and on order furnished with horse hoe and gauge wheel, the machine admits of a variety of work in the close cultivation of corn, potatoes, cotton, tobacco, beets and other crops that require similar cultivation.

The cultivator is made entirely of steel, except the handles, making a stiff, light, strong tool. The frame is made extra long and high, which prevents clogging and makes the cultivator run much steadier. The expanding lever is a very desirable feature of this tool, as by it the width can be varied to suit the space between rows. The expansion device is a combination of arms which expand or contract the frame by the action of the lever, at the same time bracing the frame and making the tool very rigid. This device admits of greater expansion than is possible with the ordinary tool of this description.



Deere Steel Seven-Tooth Cultivator .. With all Diamond Pointed Teeth (Horse Hoes and Wheel Extra)

DEERE STEEL CULTIVATORS—Continued



Deere Steel Combined Fourteen-Tooth Cultivator and Harrow.

The Fourteen-Tooth Combined Harrow and Cultivator is fast becoming popular among farmers and gardeners over the whole country. This tool is extensively used in cultivating sugar beets and for very close work among small plants of tobacco, corn, cotton, potatoes, etc., as it thoroughly pulverizes but throws no dirt on plants. Movable teeth permit working close without injury.

As its name implies, the machine can be used either as a cultivator or a smoothing harrow by means of the reversible teeth with which it is equipped. These teeth are steel, of diamond shape, and have a small cultivator tooth forged on one end. The steel tooth clamps make it an easy matter to reverse the teeth either for harrowing or cultivating or for adjusting their depth, and this same device allows of the implement being used as a Straight Diamond Tooth Harrow, and also as a Smoother with sharp points down in order to cut and level the surface, the tooth, with sheared end down, being less liable to injure young plants when smoothing over corn, potatoes and the like. For very close work every other tooth can be quickly removed.

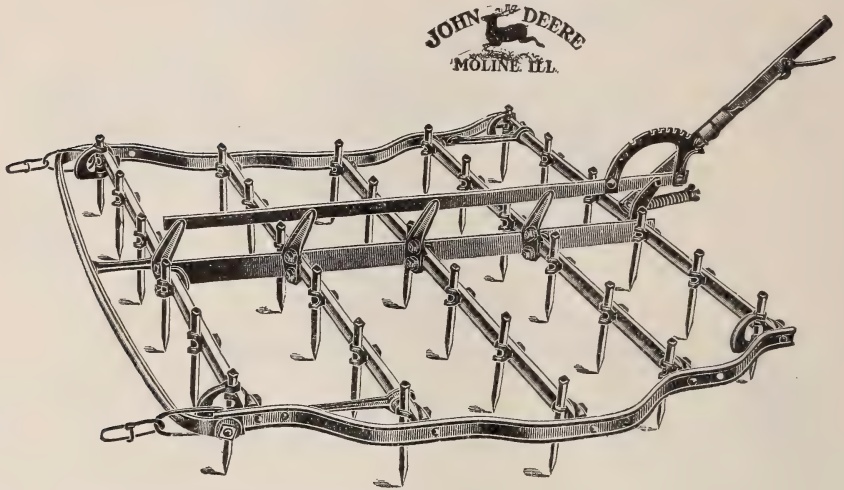
Equipped with expanding lever, the width of this machine can be varied to suit the space between rows, which is a necessary feature on account of the close work these implements are required to do. The lever is of good length and easy to operate, and the expansion device itself is automatic, expanding or contracting the frame by the action of the lever, at the same time bracing the frame and making the tool very rigid.

Wrought steel braces extend from the handles to the expanding bars, being so attached to the latter that their full service is secured regardless of the position of the expanding bars.

Furnished with or without gauge wheel. The gauge wheel is adjustable to suit the depth of plowing required.

These tools are guaranteed to be made of strictly first-class material in a first-class manner. They are strong, substantial and lasting, and will do strictly first-class work.

DEERE UNIVERSAL STEEL LEVER HARROW



Strong, Flexible, Durable, with Spring Trip .. Teeth Perpendicular for Pulverizing

In the Deere Universal Steel Lever Harrow we offer a tool which is entitled to great favor.

The tooth bars are made of U-bar steel, which insures strength without useless weight. At the same time the sections are heavy enough to give to the teeth the proper amount of penetration in any condition of soil.

The teeth are fastened to the bars by our patent tooth fastener which holds the tooth firmly in position, and yet, by slightly loosening the nut, permits the tooth to be removed readily for replacing with new one or to turn the tooth to present a new corner to the work when the tooth becomes worn.

Hinge castings are attached firmly to each end of the tooth bars which pass through and turn freely in the side bars. The side bars are made of I-bar steel bent in shape to give the tooth bars the proper set to secure even spacing of the teeth.

The side bars are interchangeable, as are also the tooth bars. The side bars also form a guard which prevent the tooth bars from catching on shrubbery and trees when using the harrow in orchard or vineyard work.

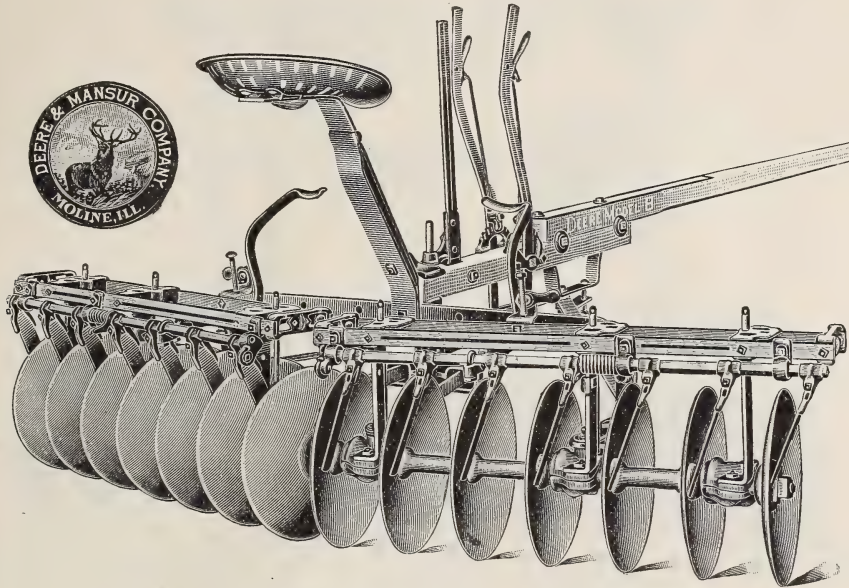
The short levers attached to each tooth bar are fastened by means of a clip which admits of a perfect alignment of these levers and avoids weakening the tooth bars by a bolt hole at the point of greatest strain.

The lever is of convenient length, placed within easy reach, and is provided with a spring trip, which preserves the teeth when using the harrow in stony or rooty ground. When the tooth strikes an obstruction this trip allows the tooth bars to turn so that the tooth passes over the obstruction without being bent, when the spring immediately brings the bars back into position.

A circle brace is provided on the front of the section, which adds strength to the construction as well as acting as a guard against accident to the teeth.

Malleable iron runners are provided for each corner of the sections so that when the teeth are thrown down flat for transporting the harrow from place to place, the harrow rests upon its runners, preserving the teeth from wear, and largely preventing the accumulation of trash under the harrow.

DEERE MODEL B DISC HARROW



The Model B Harrow has many distinctive features not found on those of any other make. The independently working gangs allow of greater flexibility than is found in the ordinary disc harrow, and this flexibility is naturally increased to an almost unlimited extent by the use of a spring pressure attachment, the tension of which is controlled by means of a lever and rack, insuring thorough pulverizing of the soil throughout the entire width of the harrow under all conditions, regardless of dead furrows and ridges.

When the inside end of gang passes over any obstruction or uneven surface, the spring equalizer permits it to rise while the other gang remains at work. When it is passed, the equalizer is so constructed that its pressure throws it swiftly back into position.

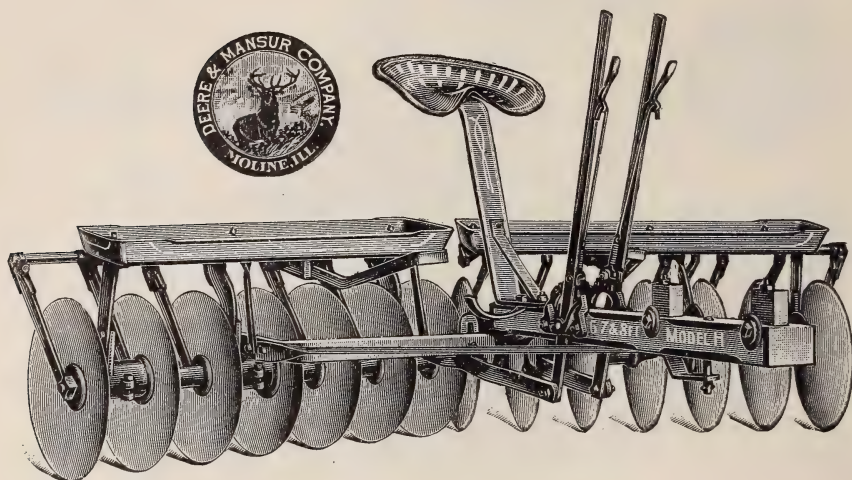
By the use of two levers, independently connected with the gangs, different angles to the line of draft can be given the gangs, overcoming the tendency to crowd towards the down-hill gang when working on side hills, or towards the soft ground when overlapping.

The gangs are pivoted on a line with the disc shafts. The boxes are as near dust-proof as it is possible to make them, and the bearing surfaces are of oil-soaked maple set into cast boxes, the wood outlasting the ordinary cast bearings many times over. The boxes are provided with oil tubes extending up to the top of the shank and closed at upper end with a spring cotter, serving to keep the vents free from dirt or dust. The shanks are of steel, avoiding the breakage incident to the use of those made of cast iron.

The Deere Model B Harrow is made in 4', 5', 6', 7' and 8' widths, with 16", 18" or 20" discs. Either flat, flexible or oscillating scrapers can be furnished. The flat scrapers have individual springs for each scraper. The oscillating scrapers are operated by treadles in easy reach of the driver's foot, can be locked off the discs or at the edge of the discs or operated as a swinging scraper. The frame is very heavy and has high arch. The seat spring is double leaf, affording comfort to the operator. Stub poles are furnished on all sizes, and set over irons can be used either side. A fore-carriage or tongue truck can be furnished in place of the regular pole at slight additional cost. This harrow has low hitch, giving direct draft.

A first-class force feed seeder attachment can be furnished for the 6', 7' and 8' sizes, and will broadcast almost any kind of seed in a very satisfactory manner.

DEERE MODEL H DISC HARROW



The Deere Model H Disc Harrow is a double lever harrow, somewhat lighter in weight than the Model B. It is built very substantially, and is much stronger and more durable than other harrows sold at similar prices. It has heavy pressed steel weight boxes, steel shanks with malleable bearing box jackets.

This harrow is furnished in three widths, 6', 7' and 8'; 16", 18" or 20" discs.

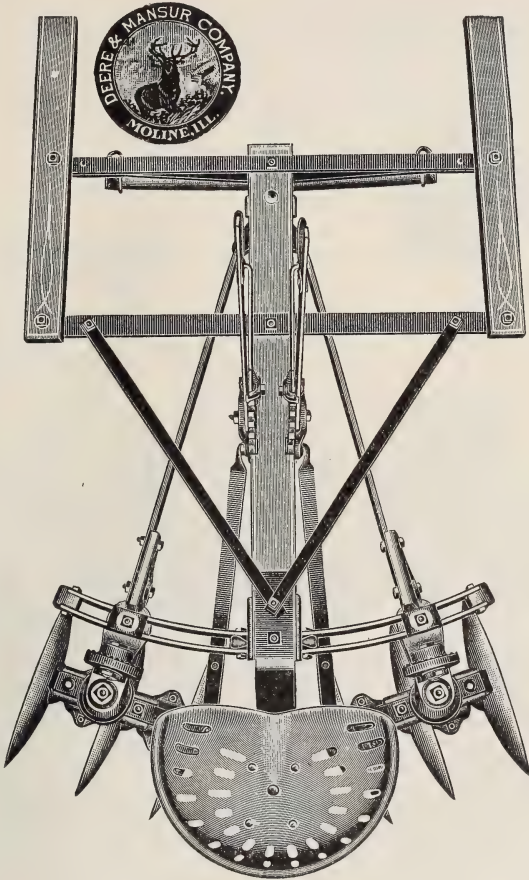
The double angling levers are of decided advantage when working on hill sides, overlapping lands or in case it is desirable to have the implement operated by a boy.

The bearing surfaces are of hard maple, oil-soaked, provided with extension oil tubes, which are closed at the top by means of spring cotters, excluding dirt and giving free vent to the oil at all times. The construction of the bearing is plainly shown in the illustration herewith. The bearing spools are cast with collars, and all end thrust is taken on these wood bushings, which are lubricated and practically eliminate all thrust friction. The gang bolts are $\frac{7}{8}$ ", which is heavier than is usually employed on this priced harrow. It is unnecessary to discuss here the advantages of hardwood bearings for use on disc harrows, as our long experience as disc manufacturers has demonstrated very plainly that this is the best form of bearing obtainable. The discs used on the Model H Harrow are of heavy gauge and of superior quality. They are well polished and sharpened.

Our Model H Harrows are equipped with stub pole, and set-over irons can be used on either side for 3-horse hitch.

Particular attention should be directed to the improved form of scraper used on this harrow. They are what is known as the oscillating or swinging scraper and made of spring steel and each scraper is attached to the bar by means of malleable clamps holding them securely, and in case of accident permitting of replacement without stripping the bar. They are altogether the most satisfactory scraper on the market.

DEERE UNIVERSAL DISC HARROW



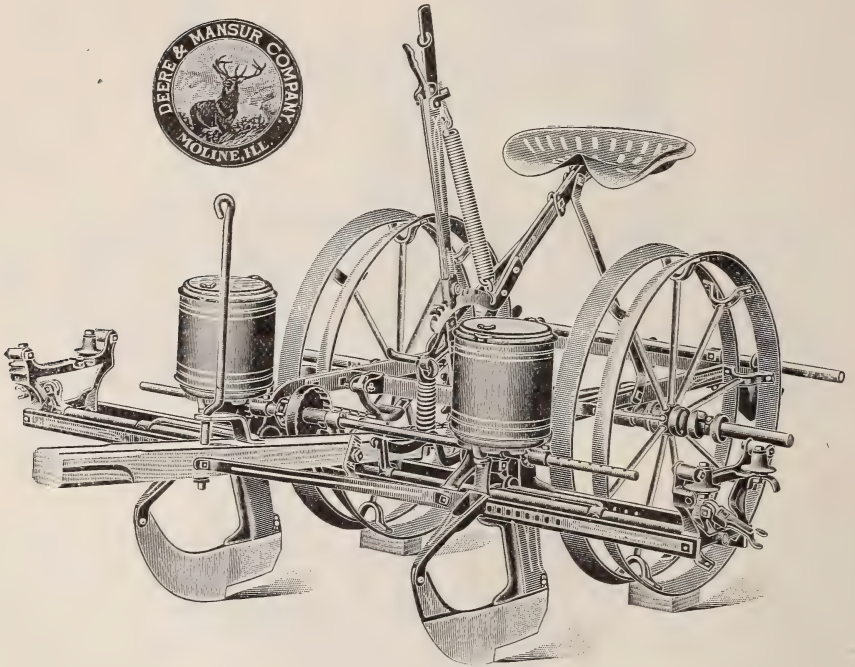
Three-Foot with Shafts.

The Deere Universal Disc Harrow is what its name implies—for every use. It was built especially to meet the demand from fruit growers, truck gardeners, orchardists and for general cultivation on small farms. It is built in 3', 4' and 5' sizes, furnished with either 16", 18" or 20" discs. Each size can be converted into one foot wider cut by means of extra discs and collars.

The 3' size is equipped with either regular tongue or combination pole and shaft so that it can be used with one or two horses. It is very complete and easily changed from in-throw to out-throw. Also almost instantly adjusted in or out on the main frame. The frame is extra high, so that a plant of considerable size may be cultivated after the manner of a regular two-horse cultivator. Scrapers are of spring steel locked against the discs by spring pressure. The harrow can be furnished less scrapers at reduced cost. It is a double lever harrow, which is of advantage when working on hillsides or over-lapping lands. Stub tongues are furnished on all sizes except the three-foot, which is a great convenience in storing in limited space or for three-horse hitch, using set-over irons. Hard maple, oil-soaked bearing bushings are used on the disc gangs. This form of bearing is now accepted as the standard for disc harrow use, and is used on all styles of Deere Disc Harrows, and has been for years.

As stated above, this harrow has a great variety and range of adjustments, and these adjustments are all readily made. Can be used in in-throw or out-throw, wide adjustment or narrow adjustment; the gangs tipped up either way for hilling or trenching, and this harrow has been found to meet very satisfactorily all requirements.

NEW DEERE NO. 9 CORN PLANTER



With Narrow Adjustment for Beans.

The New Deere No. 9 Planter illustrated herewith has achieved wide and lasting popularity on account of its extreme accuracy in drop, entire freedom from complication, and because of its lightness, strength and durability. It is built largely of steel and malleable iron. The front frame is tied in eight places and it is impossible to be sprung out of shape. Back frame is also very strong and thoroughly braced. It can be furnished with either concave or open tire wheels, 30" diameter. It is furnished adjustable in width from 28" up to 3' 8" and wider adjustment can be had on special order.

Deere Edge Drop.

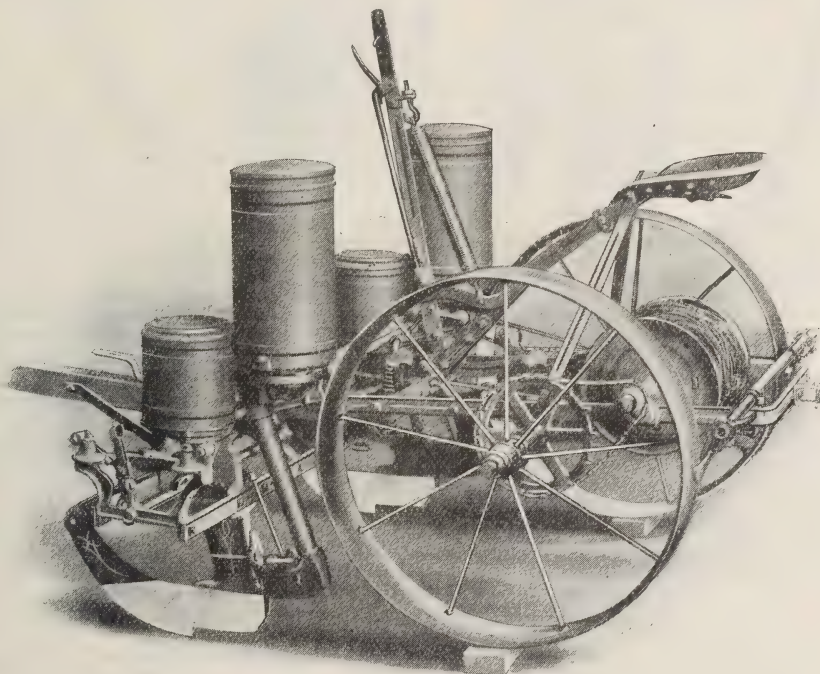
One of the most important and most distinctive features of this planter is the seed dropping mechanism. It is a vast improvement over the old round hole plate style, and gives a much higher accuracy in planting, not only corn, but beans, peas, sweet corn, and other seed. The edge selection principle is now recognized as superior to anything else, and the genuine Deere Edge Drop is the simplest and least liable to get out of order, and permitting of the highest possible degree of accuracy attainable. When checking with the Deere No. 9 the only strain thrown on the wire is that required to trip the clutch and operate the valves, not more than a pound or two. The seeding mechanism is operated entirely by the ground wheels, which is another distinctive advantage, as it prolongs the life of the wire and secures a very smooth and

NEW DEERE No. 9 CORN PLANTER—Continued

quiet running machine free from all side draft. The same high accuracy is obtained when drilling, and the change from checking to drilling is made without the driver getting off the seat. The regular seed plate equipment includes those most commonly used, but plates for almost any size or kind of corn and for practically any distances required can be secured in place of (without extra charge) or in addition to the regular equipment (at slight cost).

Seed plates to drop the following distances are regularly furnished: $6\frac{1}{2}$ ", 9", 10", 12", 13", 14", 16", 19" and 24".

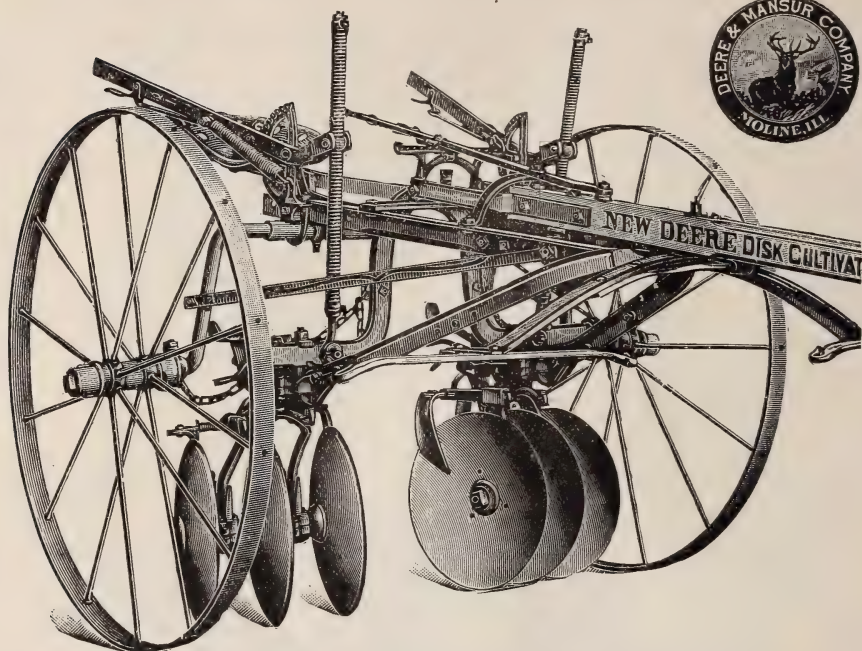
The change from hill to drill is instantly made without the driver leaving his seat. The machine is provided with a spring lift so that it can be readily operated by a boy. Foot drop is provided for cross-checking at the ends of the rows. A special attachment can also be furnished for this planter which is known as the Automatic Hill Drop and plants the seed in hills but not in cross check. We are prepared to furnish plates for any kind of beans, peas, sweet corn, or in fact any other small seed that is planted with this style of machine.



Fertilizer Attachment.

The Deere Fertilizer is first-class in every respect. It is very easily attached to the planter, and distributes any desired amount up to 600 pounds per acre. All hopper parts are heavily galvanized to prevent corrosion. The fertilizer can be either hilled or drilled as desired. The fertilizer does not come in direct contact with the seed, hence firing is entirely avoided.

NEW DEERE DISC CULTIVATOR .. No. 24



Especially Adapted for Cultivation of Corn; Potatoes, Etc.

In calling attention to the New Deere Disc Cultivator mention may well be made of several important improvements in this class of implements. Malleable iron is used almost exclusively, thus combining lightness of weight with greater strength and an entire freedom from breakage. The adjustments for angling or tipping the gangs are instantly made, and the gangs lock securely in any position, and the locks are so designed that all lost motion is done away with.

In reversing the gangs from in-throw to out-throw it is not necessary to take them off, merely loosen one nut on each gang, allowing it to be swung around in reverse position. When scrapers are used it is necessary to reverse them, but this is very quickly done by simply removing two spring cotters.

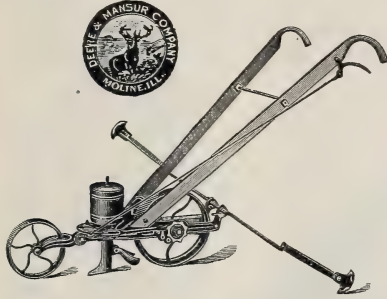
The main frame of this cultivator is made in one continuous piece. The cross brace is tubular steel and axles are very quickly telescoped, and tread adjustment can be secured for 30" rows up. Wheels are steel with $1\frac{3}{4}$ " tire, have staggered spokes, steel hubs and renewable bearings. Wheel boxes are of a new and improved pattern and are secured to the axle without boring holes therein. Compression hard oil caps are screwed on to the ends of the hubs, and provide means for the most thorough lubrication, at the same time excluding all dust and dirt.

The No. 24 Cultivator has a pivotal frame, and dodging is accomplished by means of a horizontal lever immediately in front of the driver. If it is not desirable to use this lever, the gangs may be dodged directly, in which case the lever is locked in the central position. Extra long and flexible cushion and pressure springs are provided, so that as slight or as great a pressure as is desired can be placed on the disc gangs. The lifting levers are also provided with springs which make this cultivator the easiest lift on the market and they can be readily operated by a boy. The seat hounds are hinged to the frame, and the seat can be instantly thrown forward out of the way. The gang draw-bars are forged with integral heads. They never break as castings will, and never come loose as bolts are liable to do. The doubletree bar and singletrees are of steel. The doubletree bar is dropped 6", giving direct draft and perfect balance to the cultivator. The disc bearings are of a new and improved pattern. The bearing surfaces are of hard maple, oil soaked. The spools are cast with the collar in the center, which takes all the end thrust. The oil enters the bearing at this central point, and insures thorough lubrication of the bearing. The flow of the oil is from the center to the outer ends of the bearing, which prevents any dust or dirt from coming in contact with the bearing surfaces.

DEERE GARDEN SEEDER

The Deere Garden Seed Drill is made something like a one-horse corn drill, but reduced in size to suit garden seeds, and so it can be operated by hand.

It has a covering wheel in rear, a gauge wheel in front, and between them a furrow-opener and seed hopper. A steel pitman driven by a cam wheel on the covering wheel shaft gives the seed plate a sharp, oscillating motion, which insures a steady, even flow of seed. In the seed plate is a series of holes for different kinds and quantities of seed, and changes in feed can be made without emptying the hopper.



The depth of planting is quickly regulated by raising or lowering the wheel in front, which is done by loosening one bolt. The furrow-opener makes a clean, regular seed bed, and attached to the opener are wing scrapers, which bring the earth back into the furrow, and the wheel following presses it down, leaving it in the best possible condition for quick and sure germination.

The Deere has adjustable markers, and the flow of seed can be stopped or started at will, or shut off permanently by the use of the hand tappet under the handle.

McGEE GARDEN CULTIVATOR

For hand cultivation no tool has ever been produced that equals the McGee Garden Cultivator, either in ease, quickness or thoroughness of work. It is especially adapted for work in the garden, nursery and fruit farm, and for cleaning out young corn, potatoes, etc., and in the great onion-growing districts of the country it has met with the greatest popular favor. It has an arch frame and two wheels, like a tongueless cultivator. Two laterally swinging beams are attached to the arch and operated by two handles. Springs between the beams, or handles, and arch enable the operator to control easily, accurately and instantly the side movement of the knives or cultivators, and to keep any kind of a crop well cultivated and thoroughly clean, with little or no hand weeding. The diameter of the wheels is $10\frac{3}{4}$ ", and width of tire $\frac{7}{8}$ ". No tool is found to be so easy, economical and effectual in the cultivation of beets in the new sugar beet industries of the west. The McGee is furnished with a set of weeding knives and a set of cultivators, but other attachments for all kinds of work are made, which are described below:



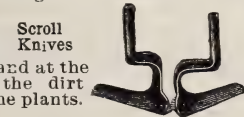
Attachments for McGee Garden Cultivator

Weeding Knives



For cutting weeds, and at the same time moving the dirt slightly away from the plants. Weight, 2 pounds.

For onions and all small plants. Save nearly all hand weeding. Furnished with each Cultivator without charge.



Scroll Knives



Can be used for furrowing or ridging in preparing ground for seed, and for throwing the dirt entirely to or from the plant in cultivating. Weight 3 pounds.

Flows



Malleable Wrench

Furnished with each cultivator without charge.

Cultivators



Can be used from one to four inches in dept. Do thorough work in young corn and potatoes, as well as in all garden vegetables and small fruits. Furnished with each Cultivator without charge.

Rakes for Fine Cultivation

For frequent cultivation of clean soil, killing small weeds, leveling, etc. Weight 2 pounds.



Leaf Guards

For lifting leaves or tips of vegetables to prevent their being covered with earth in cultivating. Weight 2 lbs.

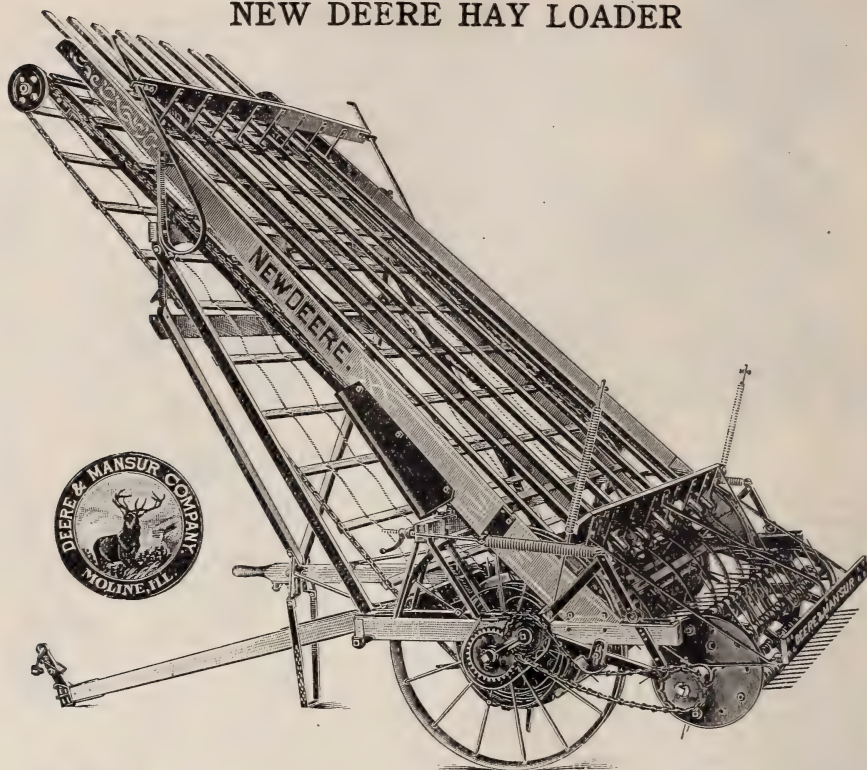


Onion Puller



For harvesting onions. Will do the work of six men. Weight 2 pounds.

NEW DEERE HAY LOADER



This is a cylinder Loader, as distinguished from the familiar rake bar type. The principal elements in the mechanical plan are : An endless carrier elevator, having its lower end mounted on the axle cylinder ; a raking cylinder, hung close behind, which gathers and delivers the hay on the endless carrier, and under the compressor slats, which confine the hay to the carrier until it reaches the load.

Both cylinders are provided with fingers, those on the axle cylinder not reaching the ground by several inches. These two sets of fingers revolve toward each other in passing nearest the ground, and therefore control the hay by what is called the double pick-up, viz. : a forward upward stroke of the raking fingers and a rearward upward stroke of the axle fingers, the hay being thus engaged both behind and before, and drawn upward between the two revolving cylinders.

The fingers of both drums are made from spring-steel wire, and have their flexibility still further increased by means of a section of large coils in each, near the inner end. After several seasons' use not one has been known to break or bend in work.

The Loader is pleasing in appearance and very light in weight. The weight is nicely balanced on the traction wheels. The wheels are of new design, having channel tires and channel traction lugs. The frame is mounted by means of pairs of light sills—a sill on each side of each wheel—and journaled directly on the extended hub ends, exactly as a wheelbarrow frame is mounted on the trunnions of its wheel. Though the power shaft is mounted through the wheel hubs, it feels no weight of the frame, and therefore drives the working parts with a minimum of horse power. In this mount the wheels do not incline to spread at the bottom nor the frame to sag in the middle.

The gathering cylinder is pivotally attached to the main frame, and supported in working position by strong, free-acting coil-springs, so that the gatherer can be lifted bodily at either end, or both, by any obstruction encountered, just high enough to pass over without missing the hay. The gathering fingers are carried on six pivotally mounted bars, or rake-heads.



Section of Traction Wheel.

NEW DEERE HAY LOADER—Continued

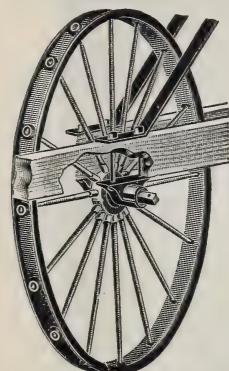
the bars being automatically controlled to rock back and forth as they revolve with the gathering cylinder. By this control the fingers are made to stand straight out from the cylinder face at the moment they pass nearest the ground to gather the hay, and then to gradually lie back as they rise, so that at the stripping point they pull straight out of the elevating hay, with no tendency to carry it with them around the cylinder.

The strippers form the lower section of the compressor, and joined with the upper section, the two constitute a continuous retaining cover for elevating hay from the ground to the load.

Compressor sections are pivoted together where they meet, and freely mounted at their opposite ends, so that the hay can lift them at any side, end, or corner, and take whatever room it needs in elevating.

The narrowing boards gradually narrow the volume of the hay as it is carried up until it is two or three feet narrower than the elevator at the point of delivery, and is thus prevented from falling off at the sides of the load.

The floated gatherer and the flexible gathering fingers, taken together, make this machine work softly and steadily over the roughest ground. It can follow any mower in any field.



Wheelbarrow Mount.

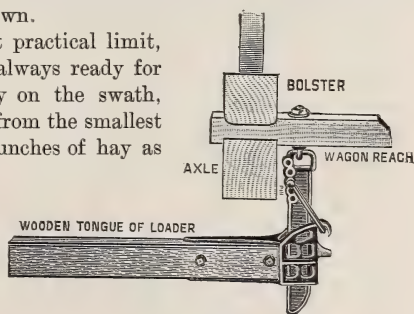
The raking action is a continuous forward and upward movement of the gathering fingers, meeting and lifting the hay into the elevator as a continuous sheet by what is known as the up-stroke, the hay lifting from the ground at the forward edge of the gathering cylinder and being seldom touched by the fingers until after they have passed the ground point and begun to rise. Hay cannot be raked so cleanly nor so softly by any other plan. The machine does not, in fact cannot, gather bottom trash of any sort, as the fingers have no hooked ends, and are too yielding to scratch up what the mower bar has passed over.

The hay is gathered and elevated by slow moving and yielding parts, which neither crumple nor break it, but put it on the load in as good shape as if done with a hand-rake and pitchfork.

The Loader works with a light and even draft. The driven parts move slower than the horses walk, the principal parts moving only half as fast, and the gathering action cannot dig in the ground nor catch in the long, uncut stubble of down clover, nor in any other way unduly resist the driving power. In exceptionally rough meadows the machine works with half the horse-power required by any other Loader known.

The range of capacity in this Loader is without practical limit, yet it has no capacity adjustment whatever. It is always ready for any style of work, and can be operated successfully on the swath, from the lightest to the heaviest; on the windrow, from the smallest to the full-sized sulky-rake row, and even on loose bunches of hay as large as haycocks.

When hitching or unhitching, a swinging leg is let down to support the forward weight of the Loader, and as the hitch pole is freely mounted, and can be swung in any direction at the outer end, the hitch is easily made. The hitch parts on the Loader and wagon, respectively, lock and unlock automatically, making it unnecessary to go under the wagon either to hitch or unhitch. In durability the Loader is up to our high standard in its materials and workmanship. Its mechanical plan is such that it cannot be subjected to violent strains, either from the hay or from the ground. For these plain reasons, and others, it will prove exceptionally durable, although a light-built machine.



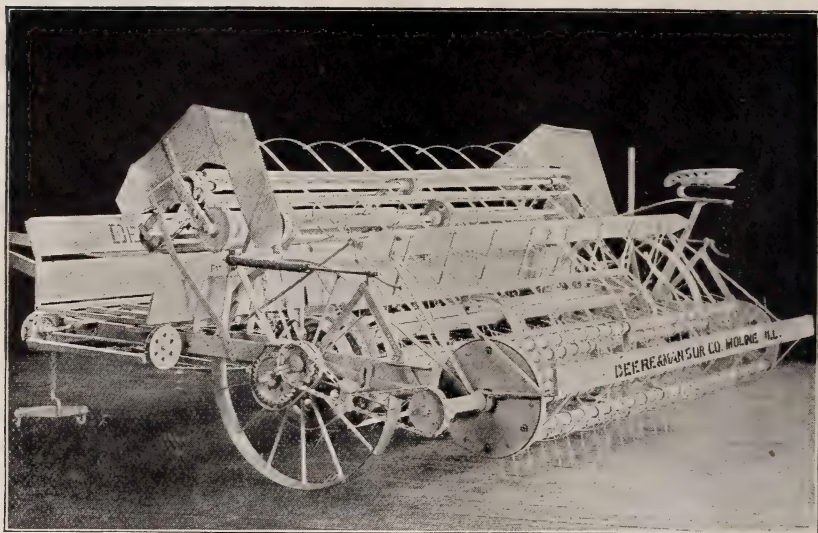
The Hitch.

NEW DEERE HAY LOADER.

New Deere Hay Loader, 8-foot

Weight. 1057 lbs. Telegraph Code. Widower.

DEERE SIDE DELIVERY RAKE



The Deere Side-Delivery Rake takes the place of three hay machines in common use, viz.: the sulky rake, the tedder, and the one-way side rake. It is the equal to the sulky rake in clean and rapid raking, while otherwise its work is much the most satisfactory. By means of its flexible gathering fingers, mounted on a floating cylinder, it has no equal on rough ground, and no meadow is free from roughness.

The tedding is done in the act of raking, and saves the cost of a tedder and the time heretofore taken in a separate tedding. It is a combination of the best raking and best tedding in one machine and once over the field. It lifts the hay away from the ground and dust, carries it softly ten or fifteen feet through the air and drops it, bottom side up, on ground which, by having been previously raked and exposed to the sun and wind, is heated and dried sufficiently to cure the hay in the shortest time possible.

In raking width this machine takes two swaths of the 5-foot mower, but readily splits the swaths when following wider mowers.

As the Rake moves forward in work, the lower or raking cylinder, by means of a forward and upward stroke of its gathering fingers, lifts the hay from the ground in a continuous web or sheet and passes it upward and forward on to the elevator carrier, from which it passes to the cross-carrier, and by the cross-carrier the hay is side-delivered to the ground. By reversing the direction of the cross-carrier (which the driver can do at will), the hay can be delivered in continuous windrows at either side of the machine. By stopping and starting the cross-carrier while the gathering and elevating parts are in action, the hay can be delivered in bunches, of any size desired, and at either side of the machine.

The raking cylinder and elevating action is an exact duplicate of the raking cylinder of the New Deere Loader.

Deere Side-Delivery Rake.....

Weight. Telegraph Code.
Widowman.

SUCCESS MANURE SPREADER

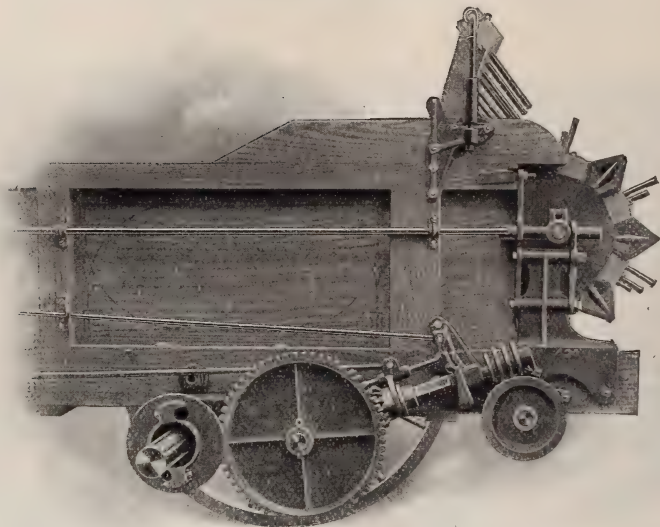


Twenty Spreaders in Operation On the Farm of W. P. Adams, Wahpeton, N. D.

Our experience has demonstrated that there is no machine built for farm use which is called upon to withstand as great strain as the Manure Spreader. Many firms who have otherwise proven good manufacturers, have failed in building this farm tool satisfactorily. In selecting a Manure Spreader to offer to our customers we have borne these facts in mind and have most carefully considered the subject. After due investigation, we have determined that the very best machine of this character on the market is the one manufactured by the Kemp & Burpee Mfg. Co. at Syracuse, N. Y. This firm began to build Manure Spreaders thirty years ago. Since that time, they have built no other farm tool, their entire attention being devoted to its construction. This long experience has enabled them to build a Manure Spreader that is not only sufficiently strong to withstand all the strains upon it, but in addition is especially light draft; and in offering the Success Manure Spreader to our customers we do so with the utmost confidence in its strength and durability. There are more Success Spreaders in use today than of any other make. There are more Success Spreaders built every year than of any other make, and this fact after thirty years of continuous sale speaks more convincingly than anything we can say in regard to the merits of this machine.

Thorough business men make thorough investigations before they invest their money. Such men buy wisely. The wise buyer is the man who having first determined that he wants an article, buys the best the market affords. It is to satisfy this kind of a buyer that we are in business. Some of the points that such a man should examine in buying a Spreader are given in this article. Many others will be furnished in our special Spreader catalogue, which will be sent free for the asking.

SUCCESS MANURE SPREADER—Continued



Apron Drive Device In Gear

CYLINDER FREEING DEVICE—This is a special feature on the Success machine. The same lever that throws the Spreader into gear slides the cylinder back out of the load and enables it to get under operation before the moving bottom carries the load against it. This prevents strain on the machine in starting, makes it unnecessary to use a cumbersome end board and enables the farmer to throw the Spreader in and out of gear without the use of a clutch, which proves to be very defective in Manure Spreader construction.

ADJUSTABLE PULVERIZING RAKE—This rake is set well back over the axle of the cylinder. It can be raised or lowered so as to pulverize the load as the driver desires. It adds largely to the evenness of distribution.

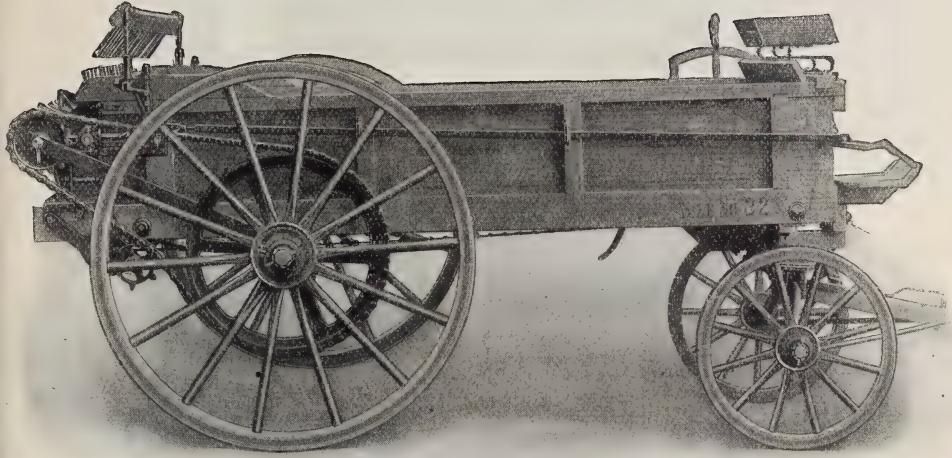
SHAFTING—All shafting used in the machine is of cold rolled steel and is larger in diameter than that usually used by other manufacturers. No set screws are used to attach the parts to our shafting. All parts are either keyed on or fastened with high carbon steel pins. There is nothing which will cause a farmer more annoyance on a Manure Spreader than the set screws used by other manufacturers.

APRON RETURN DEVICE—By the simple movement of a lever at the left of the driver's seat the apron is brought back to place in driving sixty-five feet. Thus the machine is always ready to load.

SIMPLICITY OF CONSTRUCTION—This machine is built of fewer parts, yet is stronger and more durable than any other on the market. It takes experience to build in this way. This Spreader is the result of thirty years' development.

TESTING MACHINES—Every spreader is fully set up and operated at the factory at twice the usual speed before being shipped. All adjustments are made, and the Spreader arrives in good order for operation.

SUCCESS MANURE SPREADER—Continued



No. 22 .. 50-Bushel Capacity Success Manure Spreader

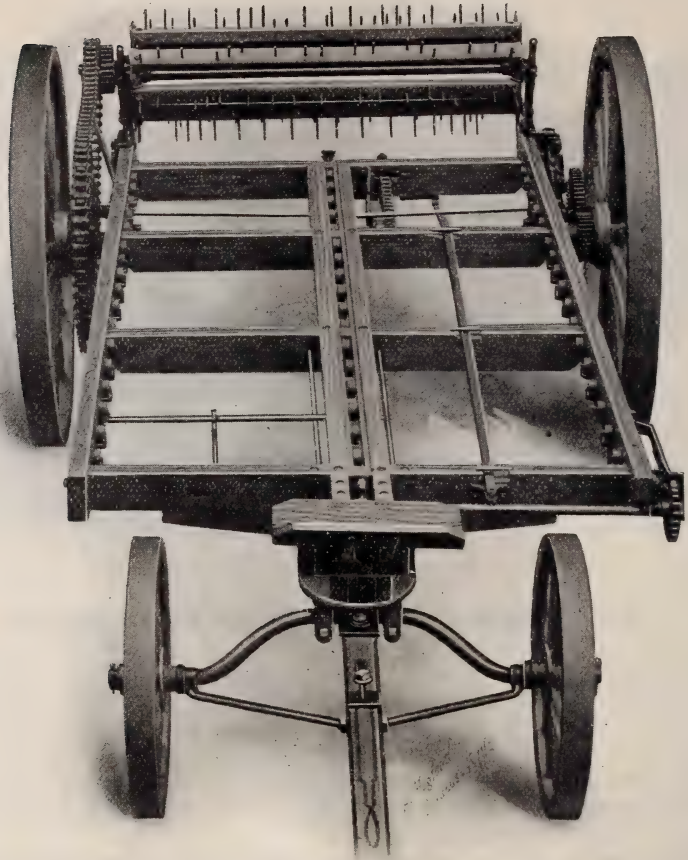
FRAME—This machine is constructed of second-growth white ash grown on the uplands of New York State, which is the strongest and most durable material that can be purchased for farm tool construction.

CYLINDER DRIVE—This is the part that must be the strongest to withstand strain. The cylinder drive of the Success is direct. Every pin in the chain that drives it is steel.

The large sprocket keyed to the axle gives a powerful thrust. A heavy steel brace carries all strain back from the point where power is applied to the axle. This is the most durable, strongest, and lightest draft cylinder drive on any Manure Spreader.

REAR AXLE—On the Success Spreader this is $2\frac{1}{8}$ " in diameter. It is driven from both wheels, and it in turn drives the mechanism of the machine at both ends of the axle, making an even application of power. On nearly all other Spreaders only 2" axle is used. The difference between the two is about 25% in strength.

APRON DRIVE—The apron or bottom is driven by a force-feed worm and gear. This makes the distribution of the load absolutely even. The bottom cannot race. It spreads the same going up or down hill or on the level. The feed is positive.

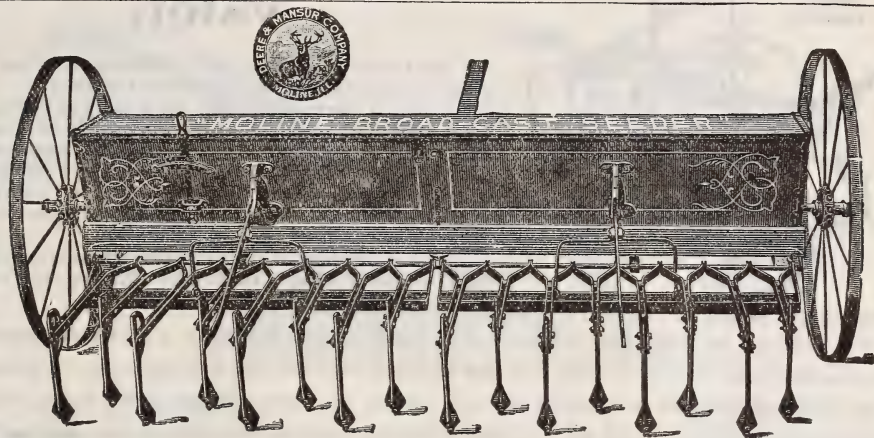
SUCCESS MANURE SPREADER—Continued

Frame of Success Manure Spreader with Apron and Side Panels Removed.

The above are only a few of the features which have made the Success Machine so popular. We shall be very glad to send catalogue free of charge showing other points of superiority in greater detail.

No farmer can afford to overlook the benefits of a Manure Spreader. No dealer should fail to interest himself in this greatest of all farm tools. The head agriculturists in our country are claiming more for Manure Spreaders than they ever claimed for any other farm implement. They have proven their worth. The soil cannot be constantly cropped without returning something to keep up its condition of fertility. The ordinary farmer has too little manure to cover his acres. The Manure Spreader will make this manure cover from two to three times the territory as when spread by hand, and because of the thorough manner in which it is pulverized and the evenness with which it is distributed much larger crops are produced.

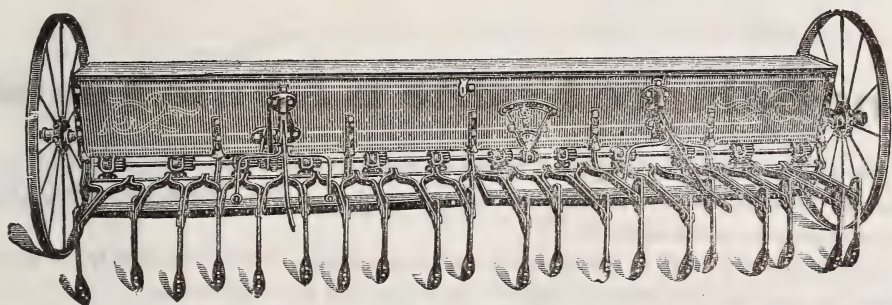
Moline Low Down Broadcast Seeder.



The Moline Seeder has a plain or agitator feed composed of a series of adjustable seed holes or vents in the bottom of the hopper, and over each an agitator or stirring wheel to keep the seed holes open and bring them to an even regular flow of grain. Being low down, the Moline sows all kinds of seed evenly in any kind of wind or weather. The amount of seed to the acre is quickly adjusted and there is nothing about the machine liable to break or get out of repair.

The No. 2 which we carry is 8 feet long furnished with Friction Trip Hoes, in Two Gangs of 8 Hoes each. In place of Friction Trip Hoes we can furnish this seeder with Spring Tooth Cultivators.

Deere Force Feed Seeder.

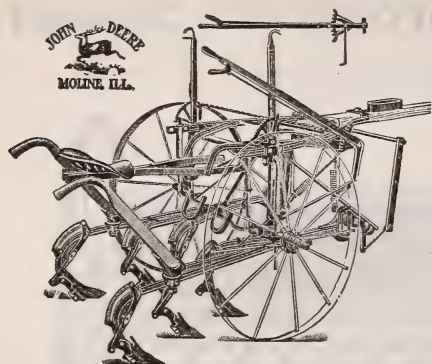


To supply the demand from that part of the trade preferring a Seeder with a Force Feed, we offer the Deere Force Feed Seeder. It is the same general style as the Moline, but has, instead of the Agitator Feed one of the best Force Feeds in the market, and one that has been thoroughly tested and given good satisfaction.

The No. 5 which we carry is 8 feet long and may be had with either Friction Trip Hoes or Spring Tooth Cultivators, the same as the Moline.

Grass Seed Attachments.

When it is desired to sow both grain and grass seed together, an extra grass seed attachment is furnished. It can be placed either in the front or rear of Seeder Box on both the Moline and the Deere.



New Elk Jr. Cultivator.

Built entirely of Steel and Malleable Iron and like all other Deere Implements is the best of its class.

The feet of the operator rest upon stirrups in front of the seat in the most convenient and comfortable position. The stirrups are attached to the shifting cranks, suspended from the frame, and connecting with the rigs by a swinging loop. The rigs are connected with each other by a spread arch, which can be set at any width to bring the inner shovels the desired distance from the row.

The adjustment of the spread arch is unique in itself, being constructed with a ratchet on the top to change the

spread without getting off the seat and without the aid of a wrench.

The gangs are set to give the shovels the right penetration, and when in operation the slightest push with either foot upon the stirrup shifts both rigs instantly, and with almost no exertion. A push with the left foot throws the shovels to the right, and vice versa. So quick and easy is this action of the crank shift that a hill of corn out of line may be dodged instantly, even after the shovels have approached within a few inches of it.

Without question, this is the easiest working device ever placed upon a Riding Cultivator for working the rigs as it responds to the slightest pressure.

A steel pipe axle, or main frame cross-bar receives at each end the divided axles which slide into the pipe and are held by set-screws. By loosening the set-screws the axle may be expanded or contracted varying the tread of the wheels fourteen inches and adapting the Cultivator to varying widths of row.

With the Pivotal Tongue Attachment the New Elk Jr. is readily converted to a swivel tongue Cultivator. This pivotal attachment is placed by simply removing the rear tongue casting and substituting the attachment. It is valuable in side-hill work or in listed corn. In the cut this attachment is shown above the Cultivator.

The Balance Frame is a Fine Feature.

The Lever is in easy reach, and by it the wheels may instantly be thrown forward or back to perfectly balance the frame, the driver, the rigs, and the entire weight of all, so that there is neither flying up or downward pressure on the neckyoke.

The lifting levers work in ratchets with very short spacing. With these short spaced ratchets the depth of the shovels can be perfectly regulated, as little as half an inch if desired.

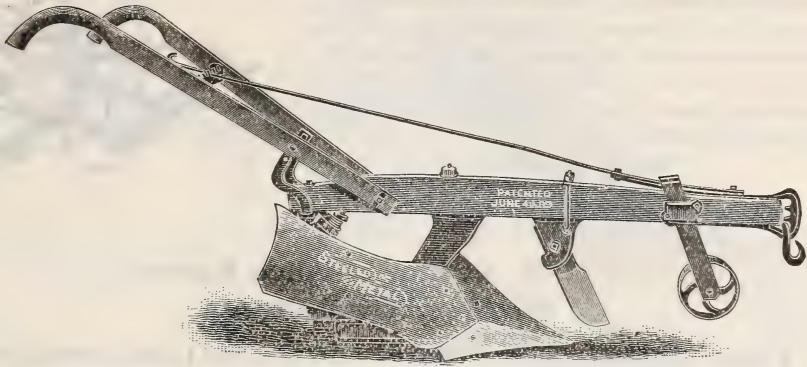
High Wheels with broad tines make light draft and prevent settling into the soil. They are equipped with Oil Tight Dust Proof Boxes. The Boxes should be filled with Axle Grease before putting on the wheels. An occasional oiling may be given through the oil hole under a hinged cap on top of the collar.

Two Styles Carried.

No. T P 2. New Elk Jr. Riding Cultivator with 6 Spring Trip Shovels and Hillers.

No. T P 30. New Elk Jr. Riding Cultivator with 10 Spring Tooth Shovels or Hillers.

The Haskell 76 Pattern Swivel Plow With Automatic Shifting Cutter.



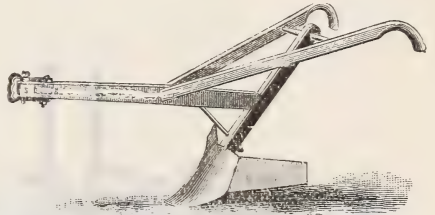
The '76 Pattern Swivel Plow needs no introduction to New England Farmers.

The '76 Pattern A. common two-horse has a capacity of from 6 to 8 inches deep, and 14 to 16 inches wide. The B. light two-horse, has a capacity of from 4 to 6 inches deep and 12 to 14 inches wide. Very light draft.

The above cut shows the plow with new Automatic Shifting Cutter which is automatically thrown in line with the point when the plow is swiveled. A. Plow with Steel Moldboard \$11.00
B. Plow with Steel Moldboard \$10.50

Wood Beam Wing Shovel Plow.

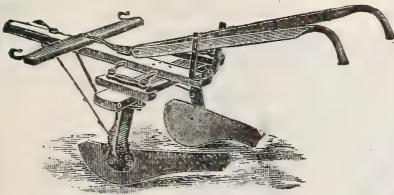
Blades and Wings of Steel. Wings adjustable to throw more or less earth. Especially adapted for Hilling Potatoes and other light work.



With Wheel \$3.25
Without Wheel \$3.00

Improved Potato Hoe.

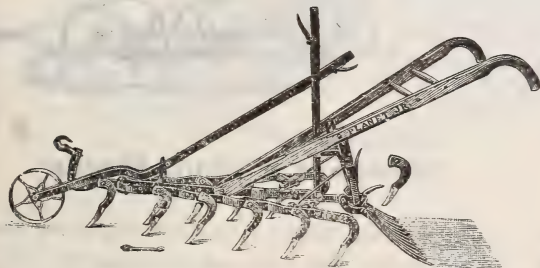
This Hoe is much used in potato "growing" sections for hilling or covering. The wings are of steel so constructed that they will tilt up or down on the standard, and the standards are movable upon the cross-bar so that the wings can be placed the right distance apart. The cross-bar is strengthened with iron braces, making a strong frame. The handles shift to right or left, so that the operator can walk at the side of the row. Price \$6.00



Planet Jr. Twelve Tooth Harrow, Cultivator and Pulverizer.

This tool has rapidly grown in favor with strawberry growers, market gardeners, truckers and farmers. This is because the twelve chisel shaped teeth do such thorough work, yet without throwing earth on small plants, and because the tool is so convenient, durable

and strong. It is invaluable in narrow rows, and fine work in market gardens and on the farm. This implement can be furnished with a Plain Wheel instead of a Lever Wheel, and without Pulverizer at a considerable lower price.



Price. Plain \$5.70
Price with Lever Wheel \$6.90
Price complete with Lever Wheel and Pulverizer \$8.50

Old Original Perry Harrow.

The Wood Frame Perry Harrow is the most durable of the Spring Tooth Harrows. Is simplicity itself. Iron plated on the under side and in front, the entire length. Teeth cannot get loose. No levers or joints to wear and get out of repair. Harrows of this kind have been in constant use for fifteen years.

Price 16-Tooth

\$8.00

Price 18-Tooth

\$9.00



U. T. K. Combination Harrow.

Wood and Steel Frame.

A large number of Farmers do not care to invest in steel frame Harrows, and in looking for medium priced tool they find in the combination frame just what they desire—a Harrow which will out live a number of the wood frame style and yet is low in price. The U. T. K. is a justly celebrated tool and has in a short time acquired an unusually favorable reputation.

Price 16 Tooth

\$9.50

Price 18 Tooth

\$10.25



Aberdeen Spring Tooth Lever Harrow.

Made entirely of Steel and Malleable Iron. By means of the Levers, Teeth may be set to any required depth. Tooth Bars round and well elevated to prevent clogging.

Price 15 Tooth

\$14.00

Price 17 Tooth

\$15.00

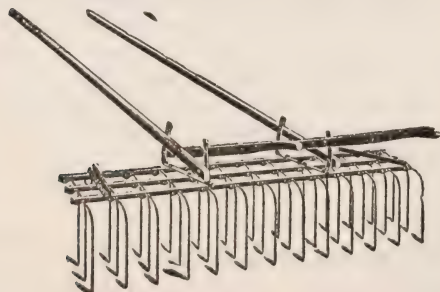
Badger One-Horse Lever Harrow.

Nine Tooth. One Section, with Handles.

This style of Harrow is very popular, and is used extensively for Gardens, Small Farms and Orchards.

Price

\$8.25



Standard Walking Weeder.

The Standard Weeder is the most satisfactory tool a farmer can use. It can be used on any kind of crop and will bring an increased yield in every case.

7 1-2 ft. Weeder, Plain,

Price \$6.50

7 1-2 ft. Weeder, with Runners,

Price \$7.00



Eureka Flat Tooth Sulky Weeder With Seeder.

A Smoothing Harrow, Cultivator, Weeder and Seed Sower.

This Machine is especially adapted to mulching the soil, level cultivation in corn, potatoes and peas, and seeding in oats or rye after the crop is well up.

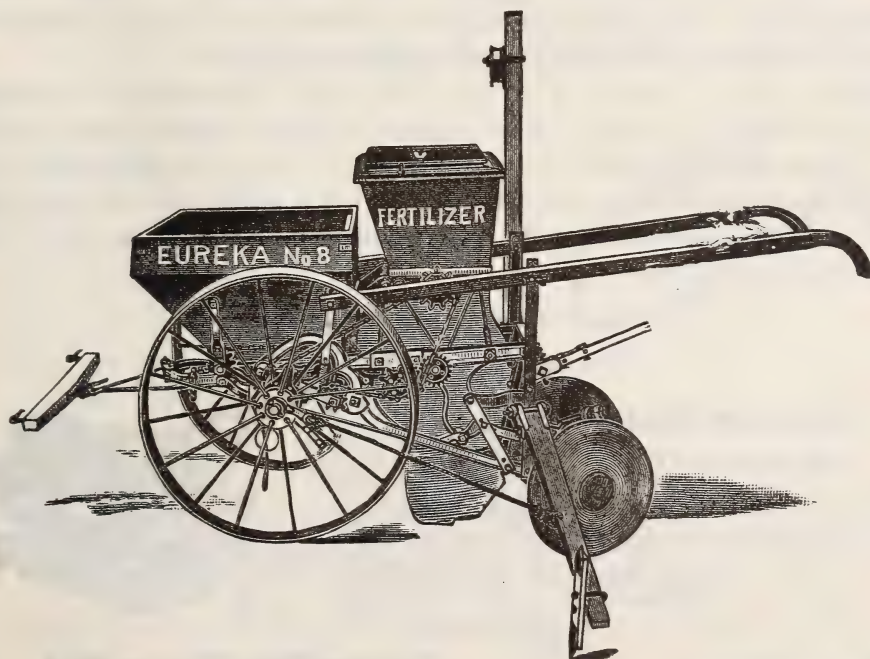
Price 8 Foot with Seeder

\$20.00

Price 10 Foot with Seeder

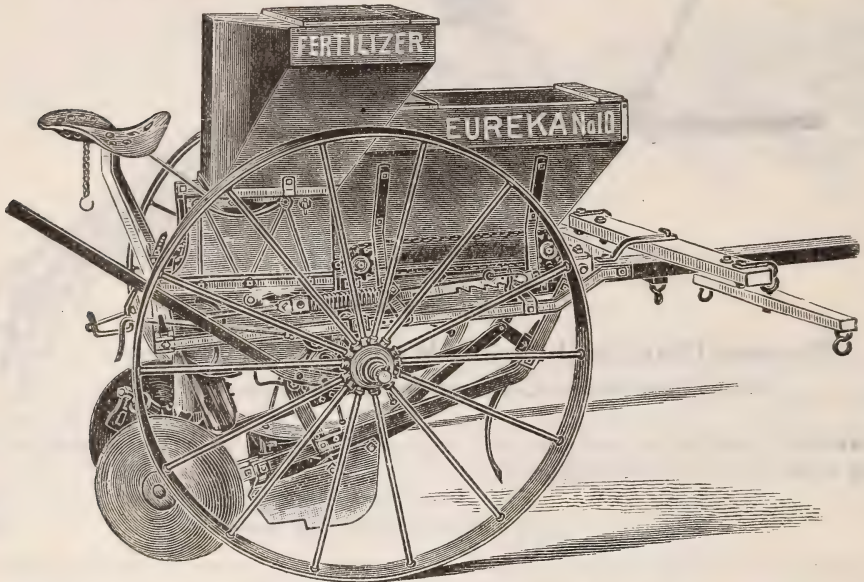
\$22.00

No. 8. Eureka Potato Planter.



Requires but one horse and one man to operate it. It is light, strong and durable. Weight with fertilizer, 280 lbs. It can easily be drawn by one horse. Its capacity for sowing fertilizer is from 150 to 1,200 lbs. per acre. It plants seed at any required distance. The operator can see every seed dropped. It is cheap in price, excellent in work. A plow in front of shoe is thrown in or out of the soil by a lever at will of operator. This not only opens a deep furrow, but clears the ground for the shoe and makes a looser seed bed. Send for Descriptive Circular and Prices.

Eureka No. 10 Potato Planter



Is without doubt the most complete in its construction, the lightest draft, the strongest made, the nearest correct in its distribution of seed and fertilizer of any One Row Riding Potato Planter ever offered to the public.

This No. 10 is marked at 95 per cent. correct, which leads all automatic planters by a large percentage. Some makers of Potato Planters place upon the market a planter that requires a driver and a man to drop the seed, and to meet this, we too, furnish an extra seat (if ordered) and a second man can supply five seeds in one hundred if needed. No other automatic planter in the whole world can do this if they so desire.

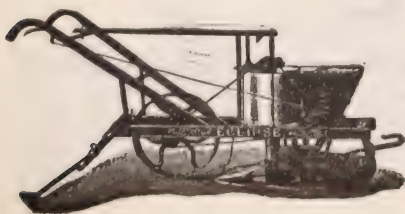
Send for Special Catalog and Price.

King Of The Corn Field.

Corn Planter And Fertilizer Distributor.

Superior to all for planting Field Ensilage and Fodder Corn, Broom Corn, Beans, Peas, Beets, and other Seeds of like size.

Send for Price.



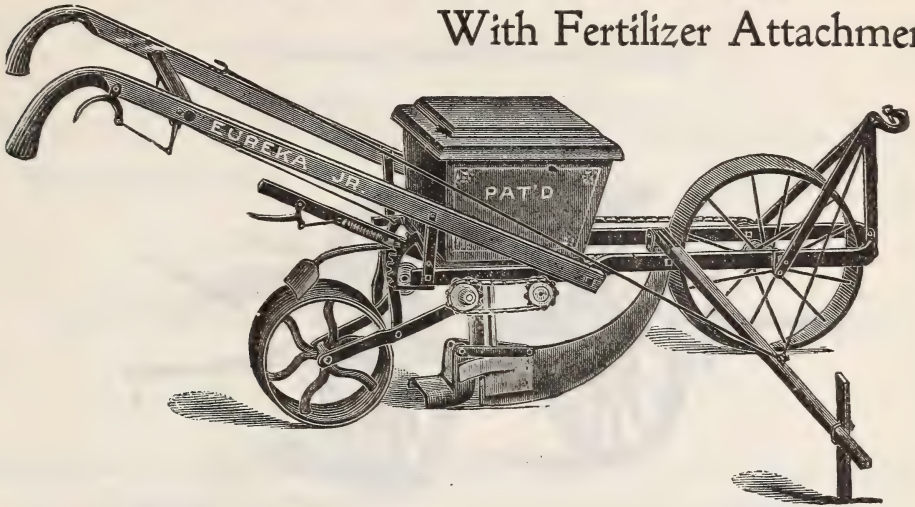
Eclipse Corn Planter And Fertilizer Distributor.

Plants Corn, Beans, Peas or Beet Seeds, in hills, drills or checks.

This Fertilizer Distributor is the best known.

Send for Price.

No. 2 Eureka Corn Planter With Fertilizer Attachment.



The Eureka plants Corn, Beans, Beets, Peas, Onions and Turnips. It plants seed and fertilizers in drills. Fertilizer is dropped at the hill. Seed and fertilizer do not come in contact as the fertilizer is dropped each side with earth separating them.

Price

\$18.00

No. 3 Eureka Corn Planter.



The No. 3 is identically the same as the No. 2 with the exception of having two wheels instead of one, causing it to run somewhat steadier.

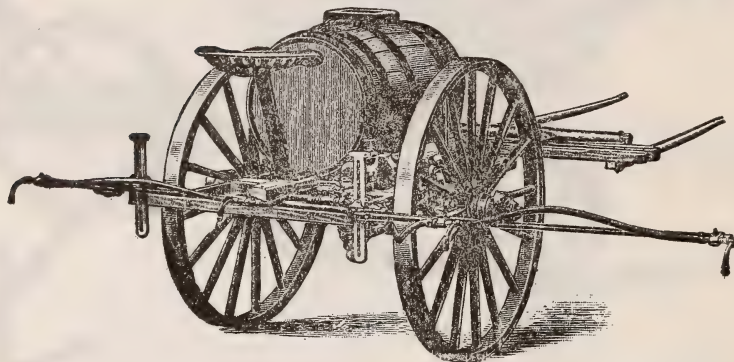
Price

\$20.00

"AUTO-SPRAY" NO. 26.

Horse Power Potato Sprayer.

One Horse, four rows; capacity, 50 gallons.



Weight, packed for shipment, 475 lbs.

DESCRIPTION.

This machine is designed to apply Bordeaux to potatoes, beans, celery, onions; also for spraying copper sulphate to kill wild mustard. Although it is low in price the construction is similar to that of our other traction power machines, except that the pump is single acting and the solution tank is a barrel with a capacity of 50 gallons. Bordeaux, unlike Paris Green, must be applied under high pressure to accomplish satisfactory results.

This machine is designed to stand the high pressure developed and all of the working parts are located on one solid piece of angle steel which forms a part of the bed frame. This prevents strain upon joints or wooden parts. This machine is fitted with Sarven wheels, 3 ft. 8 in. in diameter and with tires $2\frac{1}{2}$ inches wide.

The "Auto Spray," No. 26, has sufficient capacity to spray four rows under high pressure, and because of its special construction it will develop this high pressure without the slipping of the wheels. The power is generated by the axle by means of an eccentric located on the axle between the wheel and the bed frame. A pitman connects the eccentric directly to the plunger head of the pump, hence there is absolutely no loss in transmission of power. This saving in power transmission makes the machine work easy, in fact much easier than any other machine of similar capacity. Both wheels drive the pump and are so constructed that they compensate in turning. A by-pass takes care of the solution not discharged through the nozzles. A safety valve is also supplied for emergency. The surplus solution, which is returned to the barrel, helps to agitate the liquid. An agitator is also operated by the revolution of the wheels and thus keeps the solution thoroughly mixed, automatically and constantly. It has a brass cylinder pump and brass plunger. The packing of the plunger may be expanded by means of a wrench and without taking the pump apart. The packing may be replaced without disarranging the pump. Both the suction and the discharge valves are in plain sight and may be opened by an ordinary monkey wrench. The air chamber is extra large and therefore there is very little variation between strokes.

One or two horses, as desired, may be used with this machine, and we furnish either pole or shafts as ordered, the price being the same. The wheels track three feet apart and thus straddle one row. Where one horse is used the shafts are offset so the horse travels in front of the right hand wheel. There is no side draught which can be noticed and by this construction we avoid the awkwardness of a machine having wheels spread 6 feet apart and straddling two rows. The nozzle frame is adjustable up and down for vines of different size and the nozzles have a lateral adjustment for rows of various widths.

The "Auto Spray," No. 26, is furnished complete, including nozzles, ready for all field operations. This machine is commonly constructed with iron pipe. Iron pipe works very well the first year, but the second year the scale will bother the nozzles. We always recommend brass pipe and will be pleased to furnish same in place of iron pipe at the advanced price shown in our price list in connection with the prices on the "Auto-Spray" No. 26. Likewise the pressure gauge is extra with this machine. Whereas this machine will develop much greater pressure than any other machine on the market which is not supplied with pressure gauge, we are always glad to furnish a pressure gauge where so ordered.

Write for special catalog and price.

“AUTO-SPRAY” No. 11.

THESE MACHINES ARE ADAPTED TO

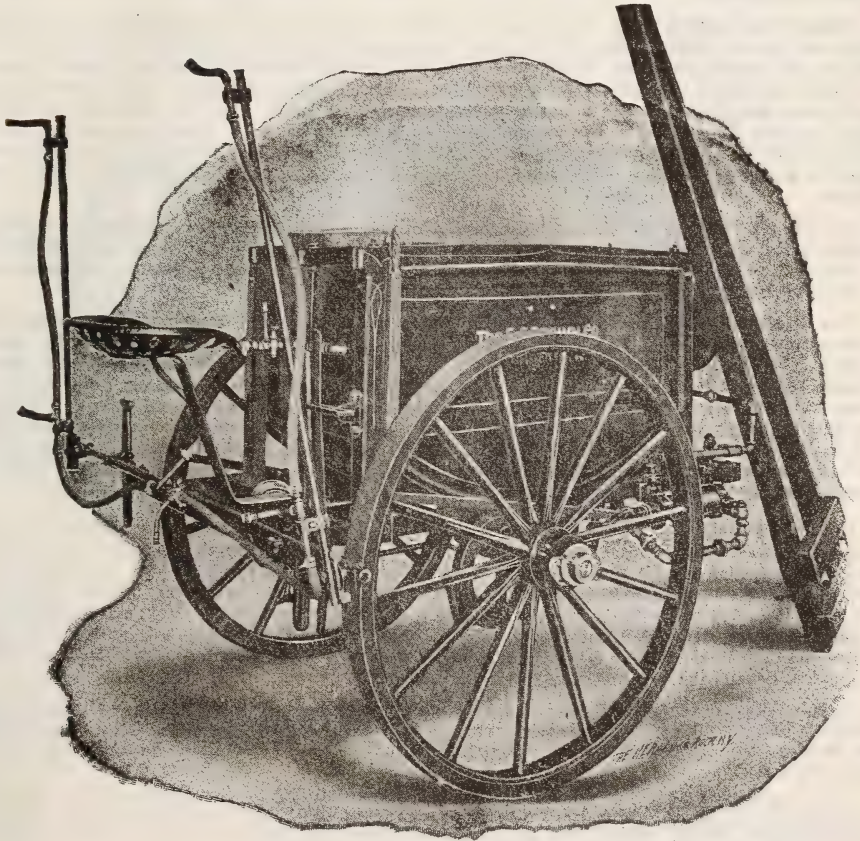
Spraying Potatoes, Beans, Beets, Cucumbers, Melons,
Wild Mustard, Nursery Stock, and all Field Crops

ALSO CONVERTIBLE FOR USE IN THE

ORCHARD AND FOR ALL SPRAY PURPOSES

Where a Combination Sprayer

Suitable for Spraying other Crops than Potatoes is wanted, we should have full
Information as to the size of your Trees as well as Acreage, and
the Width of Row in your Field Crops.



Description of Auto-Spray No. 11.

Those who are most experienced in the use of traction horse power sprayers in field and orchard operations will easily discover many points of excellence shown in this model.

The wheels are 3 ft. 8 in. in diameter, with 16-1½ in. spokes and 3 in. tire of Sarvin pattern. We warrant this wheel to be stronger than that supplied with any other styles of horse power sprayer on the market. The axle is 1⅝ in. in diameter and is so heavy that it will not spring in the centre with a heavy load. On other sprayers the axle is 1¼ in.

The power for driving the pump is taken directly from the axle through an eccentric with Pitman connection to pump plunger rod. This transmission of power is more direct and more simple than has ever been attempted heretofore in horse power machines. The eccentric is machine finished and gives a full 6 in. stroke to the pump; it is also fitted with oil cup. The pump plunger rod is covered with a shield so dirt falling from the wheel cannot get into the machinery. The pump is made of solid brass throughout. The cylinder is ¼ in. thick and all parts of the pump are made with special tools so that each part is interchangeable, and may be ordered at any time from the factory by the number shown on each casting. The pump is double acting and the cylinder is 2½ in. in diameter. The air chamber is a galvanized steel tank of 10 gallon capacity. The large size of this air chamber permits the use of this machine in large orchard operations as no other horse power potato machine can be used. For orchard work and for building up power under all conditions, without moving the machine, the pump is provided with a hand lever so placed that the operator may reach it without leaving his seat.

From the air chamber the discharge pipe is carried through the tank to the rear of the machine where is attached the pressure gauge, the overflow valve and the safety valve. The safety valve works under a pressure of 125 lbs., and by means of the overflow or by pass, the solution may be carried over and over through the tank instead of through the nozzles. This helps to agitate in driving from the mixing tank to the field of operation. All the levers used to control the operation of the machine are within easy reach of the operator as he sits on his seat. Likewise the nozzles may all be reached without dismounting from the machine.

The solution tank is made of cypress, carefully fitted, and will outlast the barrel or steel tank commonly used, several times over. This tank is mounted on a heavy 2 in. angle iron frame. The nozzle-holder is so constructed that it may be adjusted up and down for use with either large or small vines, and the nozzles themselves are adjustable for rows of different widths. This is the most complete and the most satisfactory nozzle-holding arrangement ever used. Our cut shows the nozzle holders in upright position for driving to and from the field. A ratchet in each wheel makes the drive positive from both wheels. This prevents slipping on soft ground, likewise side motion. The pump being double-acting the stroke is constant, and there is no pounding or uneven use of power as in the case of other machines.

The draft is lighter than that of any other machine manufactured, notwithstanding the fact that the solution tank has capacity of 65 or 100 gallons. In our factory test it is demonstrated that this machine will develop 150 lbs. pressure with less expense of power than any style that we ever manufactured before will develop 50 lbs.

The valves to the pump are all exposed and may be opened and cleaned with no other tool than an ordinary monkey wrench. The packing on the plunger to the pump may be adjusted by simply removing the cap on the forward end of the pump. Also the packing may be replaced in the same manner. The packing used in our pump is made largely of graphite and will outlast any other packing we have known. To use this outfit in the orchard, the potato nozzle holder is removed by simply taking out two bolts, and the orchard equipment is attached as in the case of any other pump. We assert that no machine built with metal wheels, sprocket, crank or gear wheel drive, or with a solution tank made of steel, with barrel or with small air chamber, no pressure gauge or with iron piping, or with nozzle supplied through iron pipe, or with nozzles located in front of the machine, is or can be satisfactory.

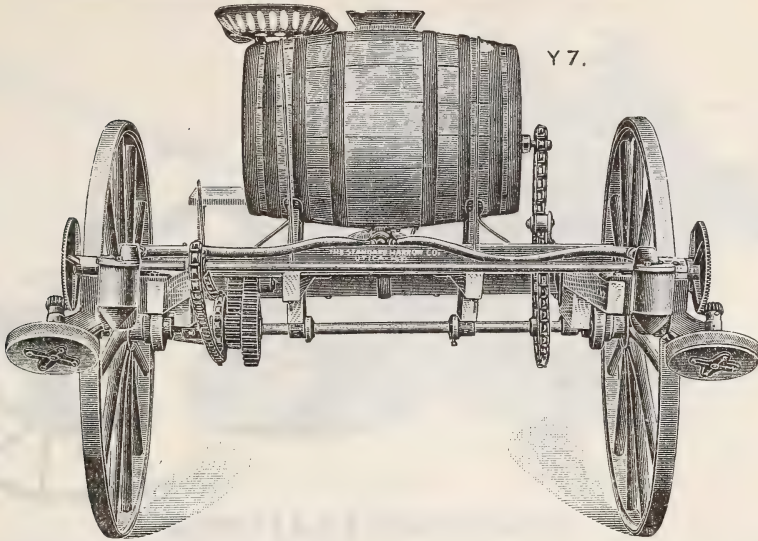
You may know all about the ordinary four-row potato sprayer. You may know that it generates not to exceed 40 pounds pressure. You may know that it is suitable for spraying Paris Green upon potatoes. You may know that you have to drive your horses fast to keep the pressure up to 40 pounds, and this absolutely is not sufficient to handle Bordeaux Mixture for blight. You may know that it is a horse-killer, that it gets out of order, that the sprocket chain is constantly giving trouble, that the hoops on the barrel which is used for a tank frequently become loose and fall off. You may know of all the objections to the ordinary idea of a traction machine, but they have nothing whatever to do with our product, and especially the "Auto-Spray" No. 11.

This machine is especially designed for handling Bordeaux. Wherever you find one you will find a pleased customer who will tell you it works easier, develops higher pressure, gives less expense for repairs, less trouble for clogged nozzles, better results, lasts longer and gives better satisfaction than any sprayer on earth.

Every acre of potatoes must be sprayed with Bordeaux Mixture to prevent blight in order to produce profitable crops. Every experienced grower and every experiment station will testify to this fact. The addition of Paris Green will take care of the bugs without extra labor.

Write for Special Catalog and prices.

The Standard Liquid Sprayer.

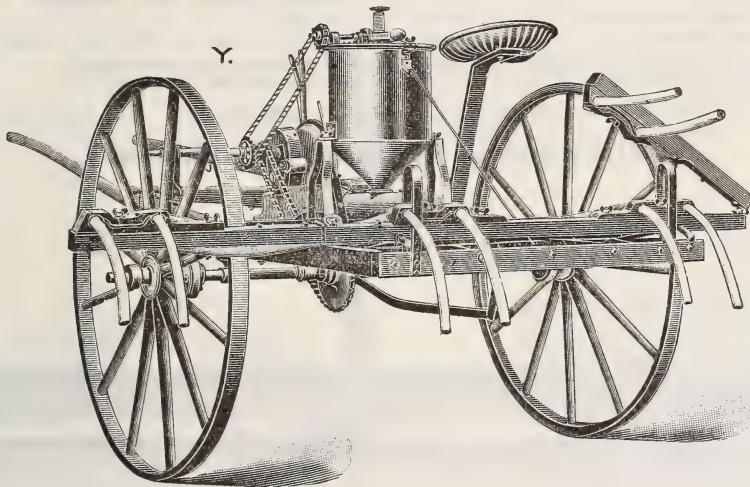


The only Liquid Sprayer made without Pump and Nozzle, thereby avoiding the most troublesome and expensive parts of other Sprayers. Fully warranted.

Price

\$60.00.

The Standard Powder Duster.



The dust method of spraying is the oldest method and is in common use in many states. Leading authorities admit that the most effective insecticides are in powder form. Hundreds of growers successfully prevent blight by using Dry Bordeaux.

Advantages.

The dry method of spraying has the advantage of doing the work faster, avoiding the use of water, enabling larger supply of mixtures to be taken to fields, ease of application and light weight machine for soft or wet ground.

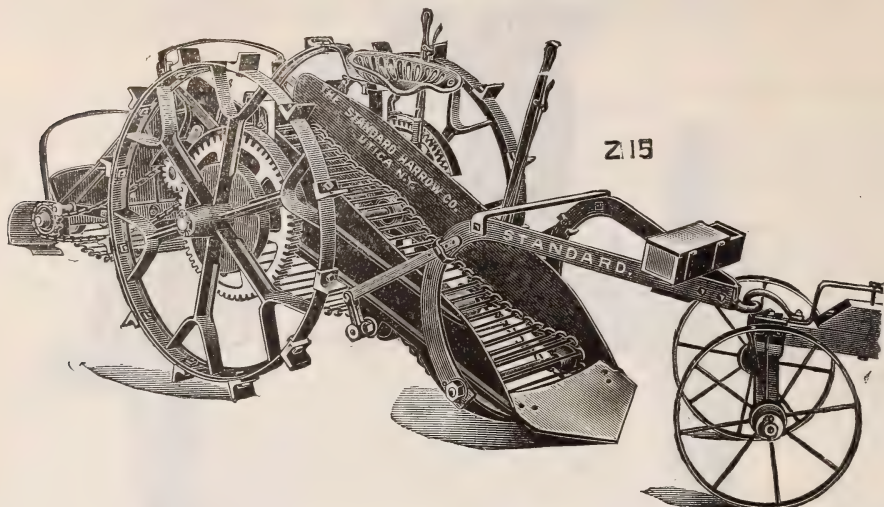
The dust is blown through all parts of the foliage of plants or trees, thoroughly covering it.

The dust can be used during certain weather conditions when the use of water would injure plants or foliage.

Price

\$60.00

The Standard Elevator Potato Harvester.



STANDARD FEATURES.

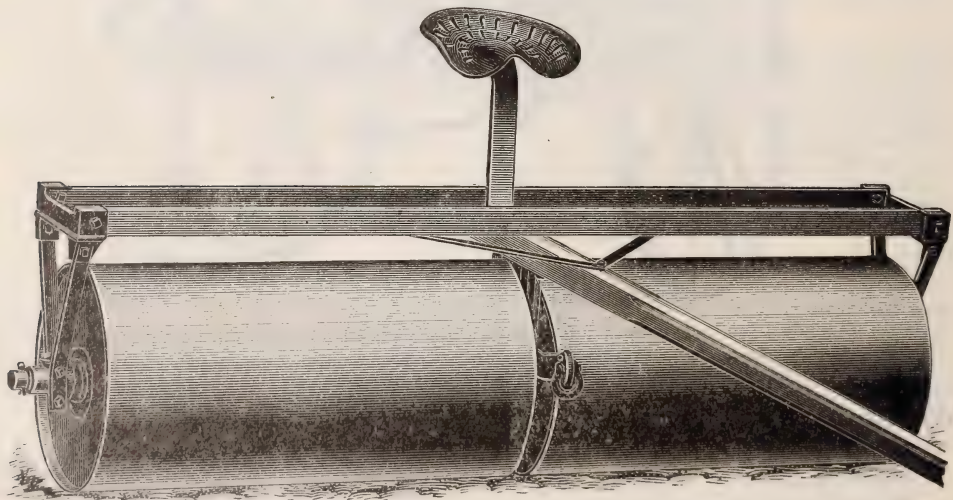
Great strength and power.
 Special shovel with unusual advantages.
 No potatoes cut or bruised. Leaves field level.
 Main sides form a shield for shovel.
 Cone shaped idlers for apron to decrease trouble of stone catching.
 Free running apron; direct power from large drive wheels; lightest possible draft. Roller bearings.
 Apron supports all carried on full length shafts.
 Rear apron raised or lowered by lever.

Potatoes not scattered, but placed in narrow row.
 Simplicity and special construction avoid the immense breakage of other machines.
 No difficult adjustments. Two levers do it all.
 Narrow front truck enables driver to easily follow the row.
 The only Digger with successful three horse eveners.
 Wide wheel lugs for extremely sandy conditions.
 Roll to keep apron rods clean.
 Long, convenient oil tubes.

Price

\$100.00.

The Famous Dunham Land Roller.

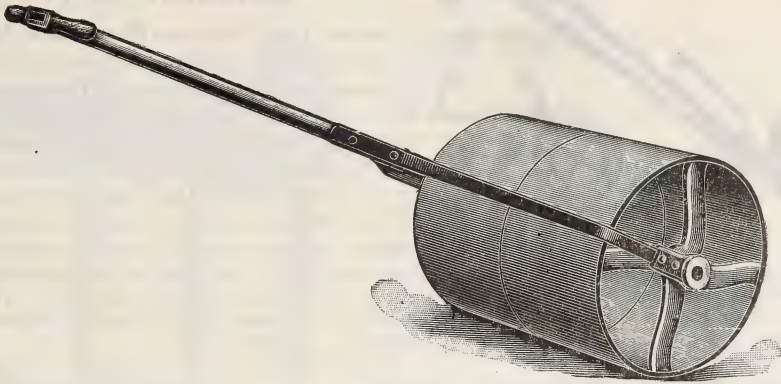


Solid Steel Head. Low Down Centre Draft, Removable Wood Bushings and Self Oiling Drive. We claim for this machine the lightest draft, best working, and most durable Land Roller on the market.
 Two sizes:

8 ft. long,	2 sections,	26 in. diameter.
8 ft. long,	3 sections,	26 in. diameter.

Write for special circular and prices.

Iron Garden and Lawn Rollers.

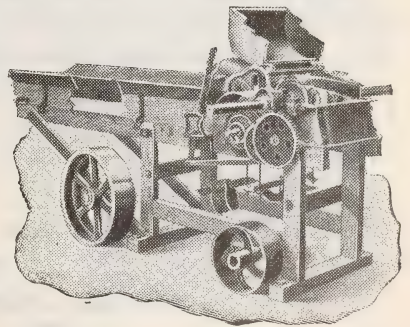
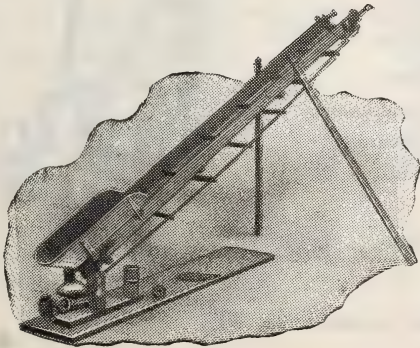


Description.

2	Sections, each 7½ inch long by 15 inch diameter	125 lbs.,	\$6.00
3	" " 7½ " " " 15 " " 175 "		\$8.25
1	" " 12 " " " 20 " " 165 "		\$7.50
1	" " 12 " " " 24 " " 210 "		\$9.50
2	" " 12 " " " 24 " " 400 "		\$15.00

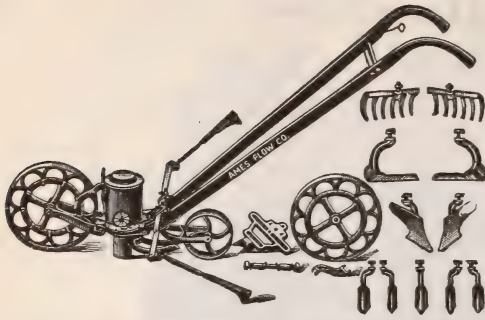
FREEMAN FEED AND ENSILAGE CUTTERS

With Regular or Traveling Feed Tables and Straight or Swivel Carriers or Blower Elevators.



These machines are built in twelve sizes, from small hand cutters, up to 24 in. power machines. The frames are heavy, well made, and substantially braced throughout. The 13 in. machine and larger are fitted with four tempered tool steel knives which are set spirally so as to make a downward shearing cut against the steel cutting bar. Shredder heads can be furnished in place of cutter heads if wanted—We invite the most critical examination of the Freeman Cutters. Having given them many severe tests during the past few years, we unhesitatingly recommend them. Plenty of testimonials for the asking.

Write for special circular and prices.



Matthews' New Universal Constellation No. 19.

Seeder, Hoe, Cultivator, Plow, Rake, Marker.

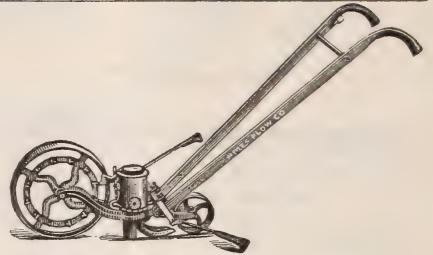
This illustration shows the complete implement with all attachments furnished. In the **Constellation** is presented a brilliant assemblage of the New Universal Garden Drill and the New Universal Wheel Hoe, Cultivator, Rake and Plow, for use either as a one-wheel or two-wheel Seeder, Hoe, Rake, Cultivator, Plow, Marker. Six implements in one. Each implement is entirely separate from the other and the only parts used in each, the wheels and handles, are changed from one frame to the other by only two bolts. Cultivating attachments are shown detached. They consist of 1 Cultivator Frame, 1 Pair Hoes, 1 Pair Plows, 1 Pair Rakes, 1 Pair Narrow Cultivator Teeth, 1 Pair Wide Cultivator Teeth, 1 Center Cultivator Tooth, 1 Pair Markers.

Price \$8.00.

Matthews' New Universal Garden Drill No. 17.

The genuine Matthews' Drill that has obtained the unqualified endorsement of Seedsmen and Market Gardeners everywhere as the Standard Drill of America.

Price \$6.25.



Matthews' New Universal Hill and Drill Seeder No. 16.

This Seeder is the same as the No. 17 Drill with the exception that it has pins on the Wheel which converts it at will into a Hill Seeder, dropping distances of 4-6-8-12-16-24 and 48 inches apart.

Price \$7.00.

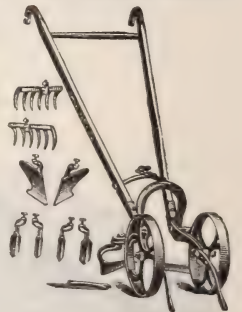
New Universal Double Wheel Hoe, Cultivator, Plow and Rake No. 14.

The special Design of a Double Wheel Hoe is the working of both sides of the row at one passing, but it may also be used as a between row cultivator.

The Attachments with No. 14 Are:

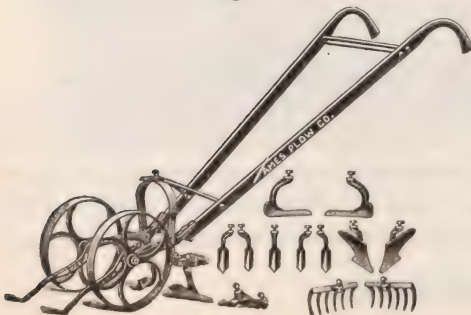
- | | |
|---------------|----------------------------|
| 1 Pair Hoes, | 1 Pair Narrow Cultivators, |
| 1 Pair Plows, | 1 Pair Wide Cultivators, |
| 1 Pair Rakes, | 1 Pair Vine Guards. |

Price \$5.00



New Universal High Arch Expansion Wheel Hoe, Cultivator, Rake and Plow No. 26.

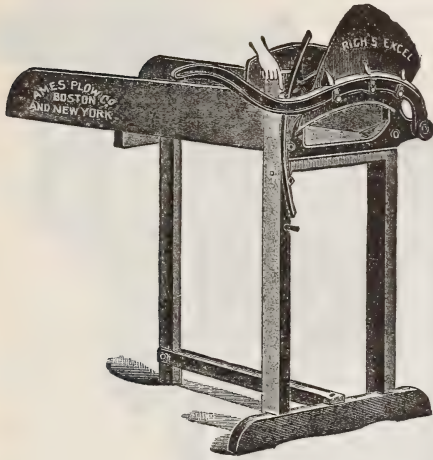
High Arch, a Double or Single Wheel Implement at Will.



In this implement we have practically reproduced dimensions and purpose of our first attempt at a "Straddle-row" Weeder. The wheels are 12 inches in diameter, and the arch high enough to cultivate over plants 20 inches or more in height. Our double Wheel Hoes, already described, meet all requirements, but we here present if possible a more complete implement of larger size.

Price \$7.50.

Rich's Excel Feed Cutters.



The latest and most successful Lever Feed Cutter on the market is the Rich's Excel. By an ingenious contrivance the lever of this cutter is held in bearing at both ends of the knife, keeping the cutting edge against the bed. The knife is attached to the lever by bolts and adjusted to the cutting bed by set screws. Thus a perfect shear cut is always insured, and it is the only machine of its class wherein the knife is not liable to be forced away from the cutting bed by the forage.

Size B—Mouth 10 1-2 by 6 1-2 inches,

\$3.75

Size C—Mouth 12 by 6 1-2 inches,

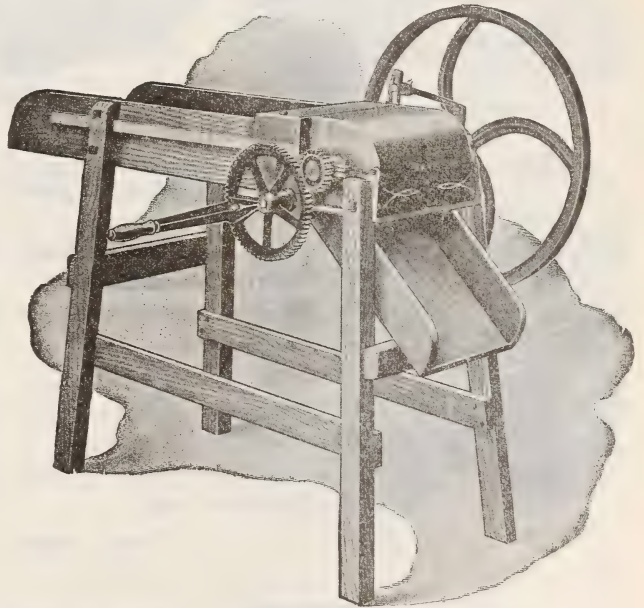
\$4.25

Freeman's No. 5 Special Feed Cutter.

Throat is so wide that fodder can be fed into the machine in a broad thin body. The cutting knife is 11½ in. long, made of tempered tool steel and makes a downward shearing cut against a hardened cutting edge. Knife makes three cuts to one turn of crank, and length of cut is adjustable from ¾ in. to 1½ in. It is an easy running machine.

Capacity, per hour, 150 to 200 lbs. of dry fodder; 300 to 400 lbs. of green fodder.

Price \$9.75



Freeman's No. 7 and 8 Hand Feed Cutters.

These machines are made with two knives. The length of cut is ¼ in., ⅝ in. or 1 in. Length on No. 7 knives is 8½ in., length of No. 8 knives 9½ in. The knives are made of tempered tool steel. They are secured to the knife head by bolts which are easy to get at and are backed by adjusting screws for setting and holding knife in proper position. The knives cut downward against a hardened cutting edge which is ground true.

Price of No. 7

\$13.00

Price of No. 8

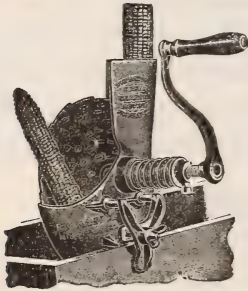
\$16.00

Freeman Round End, One Hole Corn Sheller. Strictly High Grade.

Unquestionably the most popular style of hand corn sheller made. It combines every desirable feature required in a machine of this character.

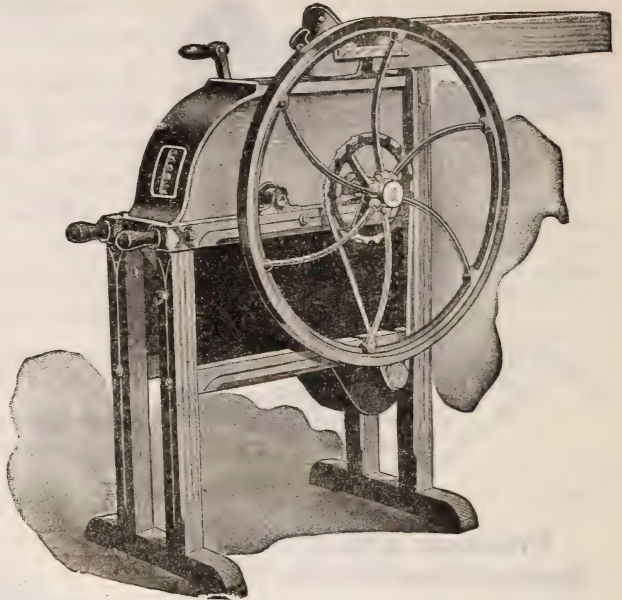
Price \$7.25.

Champion Ball Bearing Corn Sheller.



This practical sheller meets every requirement and may be set to shell any size corn that grows. Equally reliable for either Pop or Field Corn.

Price \$1.75



Freeman Corn Sheller.

No. 3 Model Grist Mills.

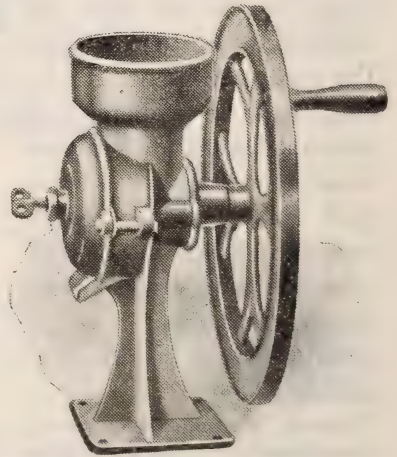
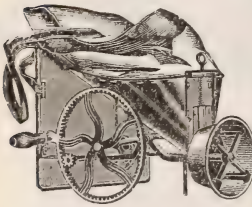
These mills will make fine graham flour or meal for table use, Crack corn, grind hominy, split peas, crack wheat and grind salt. In fact it is a general all around excellent mill.

Price \$5.25.

Cahoun Seed Sower.

Will sow all kinds of grass and grain seeds from four to eight acres per hour at a common walking gait. Heavy seeds such as wheat it will throw 40 feet (20 feet each side of the operator) lighter seeds of course will not be thrown so far.

Price \$3.00



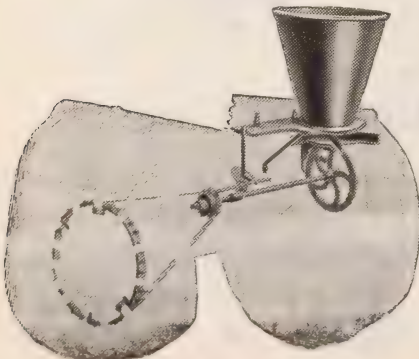
Strowbridge Broadcast Seed Sower.

It is a simple, effective seeding apparatus—complete in itself—which may be attached in a few moments' time to any farm wagon or other vehicle—and there you are all ready for business.

It is complete in itself; no extras need be purchased.

It may be used on an ordinary wagon without so much as narring the paint.

Price \$7.50



Strowbridge Seed Sower.

Little Giant Seed Sower.

In all respects similar to the Cahoun but lower in price.

Price \$1.75

New England Root and Vegetable Cutter.



This machine is made with a wrought shaft with sections of knives fastened to it and arranged so that a rotation of knives are continually passing a bed knife with cross knives passing between the section of knives; cutting always near the center shaft, making it cut easy and fine enough for cattle or sheep; also making a very regular cut. It will cut one bushel of roots per minute.

Price

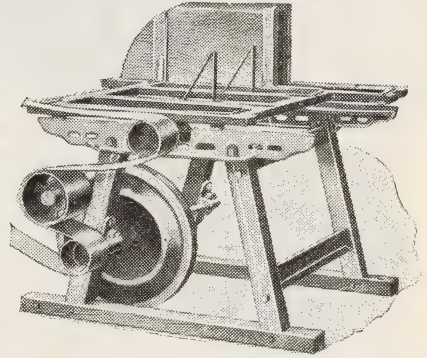
\$5.50

Freeman Sliding Table Pole Saw.

This machine has been carefully designed and all parts are well made. It is built with a sliding table, and the balance wheel is on a separate shaft entirely out of the way. Long poles can be sawed as well as wood. This Saw Table is one of the best we have ever seen and we are making very close prices on them. Furnished with or without saws.

Price

\$23.00



Freeman Tilting Table Pole Saw.

Similar to above, but with Tilting instead of Sliding Table.

Price

\$23.00

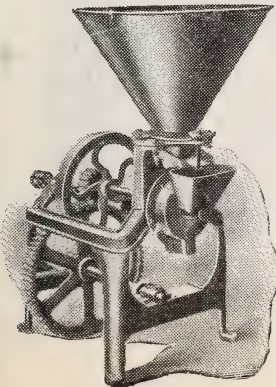
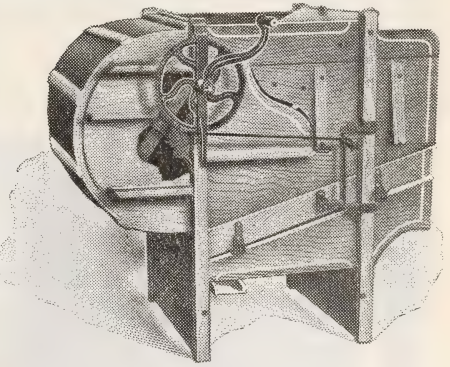
Freeman's No. 1 Single Shoe Farm Fanning Mills.

Has a very short and quick shake or movement of the shoe. This short shake is very important in the cleaning of fine seed. Double the screening surface of the ordinary mill.

The regular outfit furnished with this mill is called a grain outfit, and consists of one wheat or rye hurdle, with zinc top and wire middle and bottom sieves; one corn or oat sieve; one barley or bean sieve; one wheat grader; two wheat or barley screens; one pair of fan blinds, and one cheat or cockle board.

Price

\$14.50



Belt Power Feed Grinder.

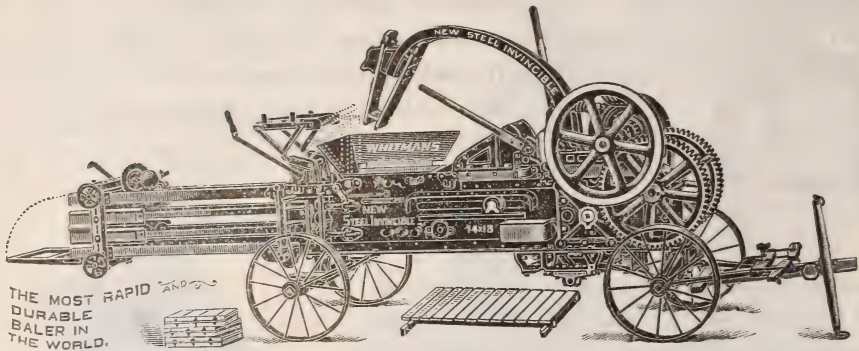
The design and construction of this Grinder make it especially adapted for use in connection with power windmills or with any other kind of power where the motion is liable to be unsteady and where close attention is not given to the grinder, but it is just as well adapted for use in connection with horse powers, engines, etc.

Price

\$18.00

Whitman's New Steel Frame Invincible Baling Press.

THE WORLD'S STANDARD.



THE MOST RAPID AND DURABLE BALER IN THE WORLD.

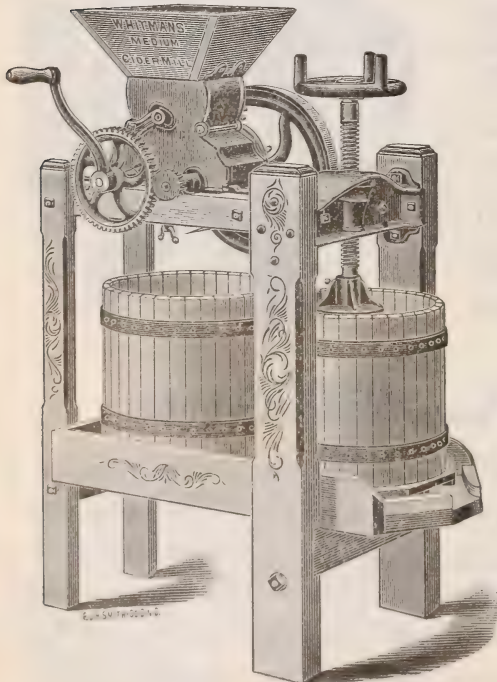
It has an entirely new plunger running on large wheels, having discarded the tee slides used in former presses. The carrying wheels for top of plunger run on the outside of press where they are convenient to oil. The bottom wheels are oiled through hand holes.

The gearing is all new in this press and speeded somewhat faster than the wood frame "Invincible"; crank gears have three holes for crank pin instead of one, as heretofore.

We have removed all objections to the all-steel frame press by bolting our gearing onto a cushion block of wood, which gives elasticity and prevents nuts from easily working off the bolts.

The steel plates are 1-4 inch thick, while other makers use 3-16 inch.

Write for complete description and price.



Whitman's New Monitor Cider and Wine Mills.

Constructed upon the grater principle, requiring less power to operate than the crushing mills. The Crusher Roll is adjustable for large and small apples.

PRICES.

Junior Monitor,	\$11.50
Medium "	\$15.50
Senior "	\$19.50

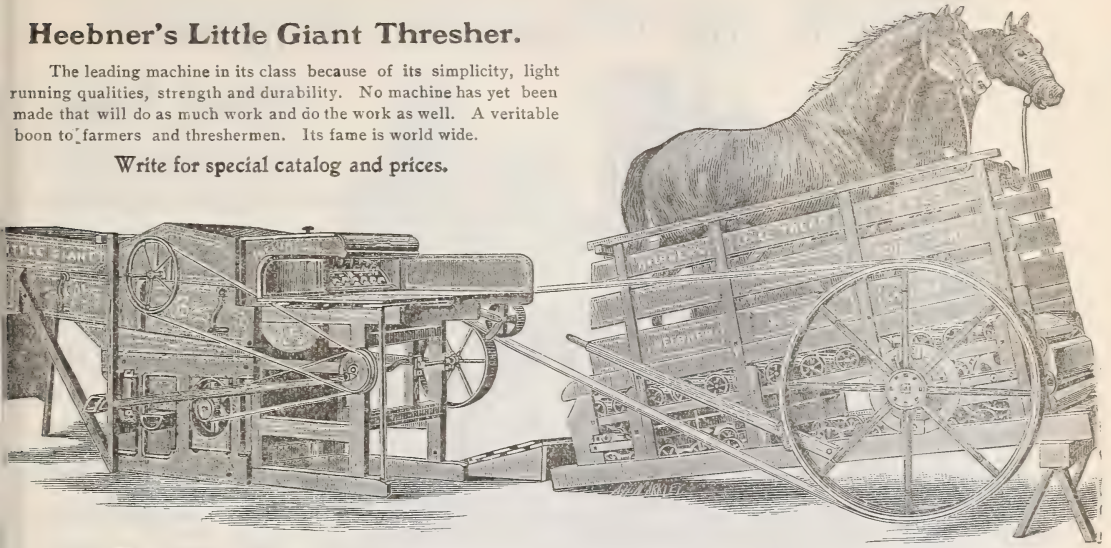
Hutchinson Cider Mills.

No. 0	\$7.25	No. 1	\$9.00
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Heebner's Little Giant Thresher.

The leading machine in its class because of its simplicity, light running qualities, strength and durability. No machine has yet been made that will do as much work and do the work as well. A veritable boon to farmers and threshermen. Its fame is world wide.

Write for special catalog and prices.



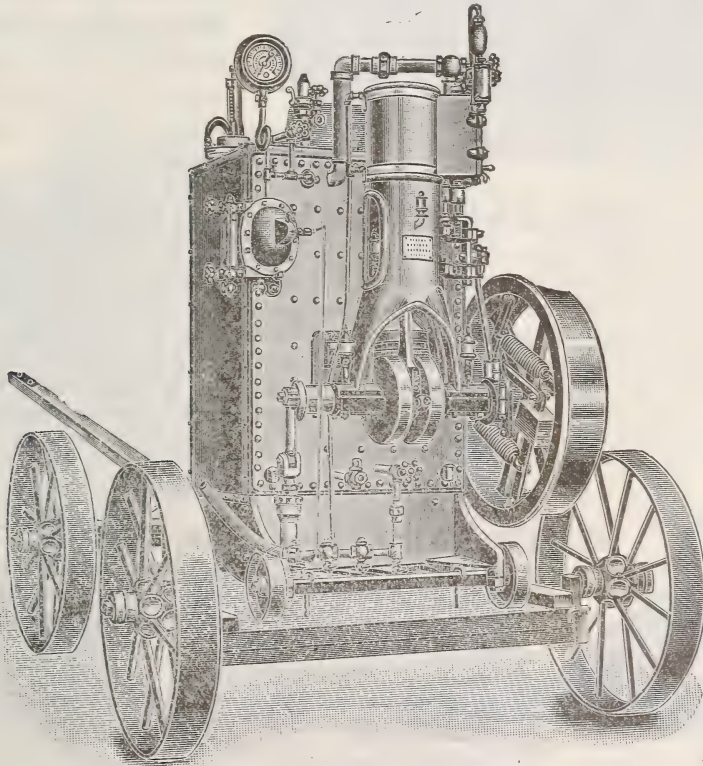
The Safety Boiler and Engine.

Perfectly safe, automatic governor, automatic water feed, automatic draught, built on scientific principles of the very best

material obtainable; all boilers tested to 240 lbs. per square inch; will burn anything, from the accumulation of refuse wood about the farm to the finest steam coal; guaranteed to furnish any given horse power with one-half the fuel required with any other make of boiler.

One small armful of wood will raise 80 lbs. steam in ten minutes from cold water.

It is perfectly easy to decide between this rig and a Gasolene engine, for the Safety is safe in every sense of the word, will furnish heat, steam and hot water, and does not require an experienced expert to doc-



tor it up every few days.

Write for descriptive circular and prices.

The R and V Gasolene Engines.



Vertical Type.

To meet the growing demands for a small, reliable, medium-priced motor, the manufacturers brought out in one, two and three and one-half horse-power sizes the upright engine. With the full realization of the difficulties that have been experienced in the building and using of small, cheaply made engines, they have studied to produce an engine for agricultural and light power purposes that would be in all respects as reliable and durable as the larger and more expensive engines.

THE R and V GASOLENE ENGINES--Horizontal Type.

This motor was brought out to meet the demands for horizontal type of engine embodying the latest improvements in modern gas engine design, that would be moderately low in price, economical in the use of fuel, reliable under all conditions of weather, and at the same time simple in construction.

We claim for this engine, one of the most powerful motors of its kind now on the market; that all materials and workmanship are strictly first-class, and that the bearing surfaces throughout are especially liberal, permitting the engine to withstand the most severe strains. It is just the engine for all-round farm use.

SEND FOR CATALOG AND PRICES.

STEEL ROAD SCRAPERS.



They are shaped cold from a single piece of steel, lapped and riveted at the corners. They are uniform in thickness throughout except at the corners, where they are of double thickness.

No. 1., capacity 7 cubic feet of earth; weight 105 lbs. **Price \$6.00.**
 No. 2., capacity 5 cubic feet of earth; weight 95 lbs. **Price \$5.75.**
 No. 3., capacity 3 cubic feet of earth; weight 85 lbs. **Price \$5.50.**

STONE DRAGS.

Strong and serviceably made of sawed Oak Planks.

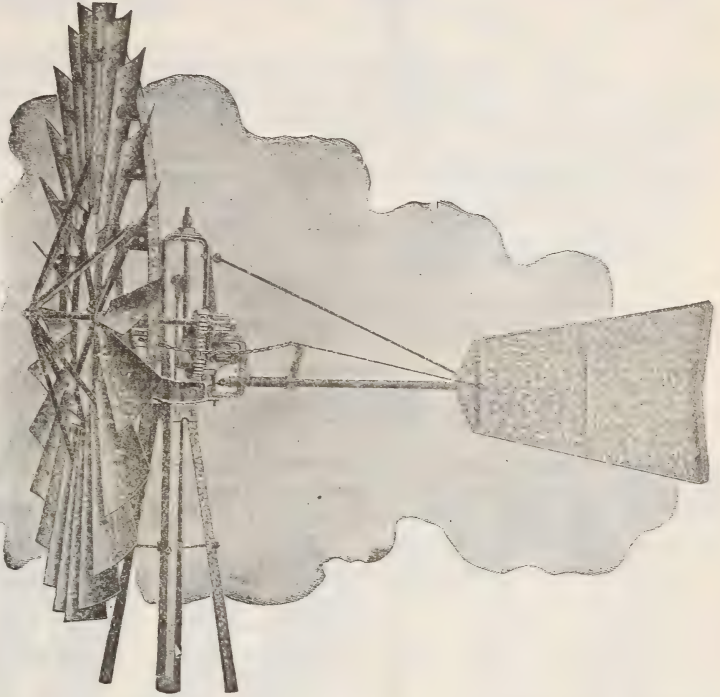
Small size, **\$3.75.**
 Medium size, **4.00.**
 Large size, **4.25.**

Freeman Steel Pumping and Power Windmills.

The strength, durability and utility of steel wind mills cannot be questioned, and as a cheap and effective means of supplying water for stock and domestic purposes is unexcelled.

Sunshine or rain is all the same to the Freeman Special wind mill; it works equally as well in wet weather as in dry, and does not complain on account of heat or cold. It requires but little attention, less than any other machine we know of, performing an equal amount of labor. It should be examined and oiled about every ten or fifteen days, and care should be exercised that oil reaches all the bearings and that no nuts or bolts are loose on either mill or tower.

We are offering in the Freeman Special wind mill the best, simplest and strongest wind mill built. It is back geared 2 to 1, this being the proportion that experience has determined as being best.

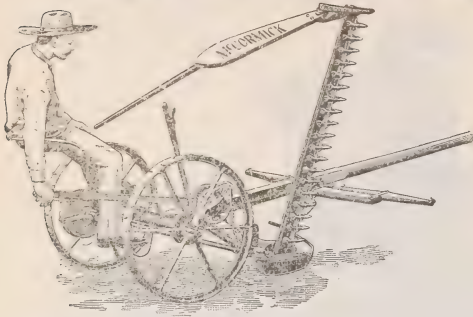


The tower is not a secondary consideration in a wind mill outfit. It must be substantially built of materials which are strong enough to support the weight which is to be placed upon it, and to stand the pressure of all winds of high velocity. Simply making the posts of the tower heavy does not necessarily make a strong tower. It is more important that the tower be properly braced in every direction in order to obtain the best results and the strongest structure. Such is the Freeman Angle Steel Tower, a section of which we show herewith, and which is a fit companion for the Freeman Mill.

Estimates made on Windmill Outfits including Pumps, and Pine, Cypress, or Galvanized Tanks.

Write for special catalogue and prices.

MCCORMICK and DEERING HARVESTING MACHINERY. FOR SEVENTY-FOUR YEARS.



en and make more profitable the labor of the farmer, characterizes their manufacture to-day, with the result that wherever grain is grown McCormick machines are known as remarkably efficient, durable and economical machines.

Seventy-four years ago in a small country blacksmith shop at Steel's Tavern, Virginia, the first McCormick harvesting machine was made. The marvelous growth of the manufacturing plant from that small shop to the immense modern McCormick establishment of to-day, covering 170 acres of ground and employing 10,000 men, gives ample testimony of the warm favor in which McCormick machines are held by the agricultural world.

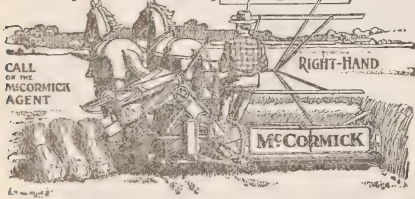
The same unbounded faith in the farmer, the same untiring zeal and energy manifested in those early days to perfect a machine that would actually light-

DEERING IDEALS.

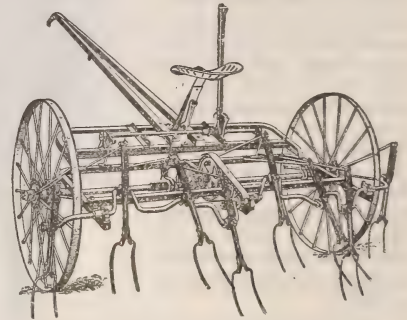
Famed for what they do and the way they do it, expresses the secret of Deering success and accounts for the warm regard in which Deering Ideal harvesting machines are held by farmers throughout the world.

Since 1858 the Deering manufacturers have labored and experimented, sparing neither time nor money, to perfect harvesting machines that would eventually put farming on a basis of development equal to that of any other occupation. To-day the farmer points with pride to Deering Ideal Ma-

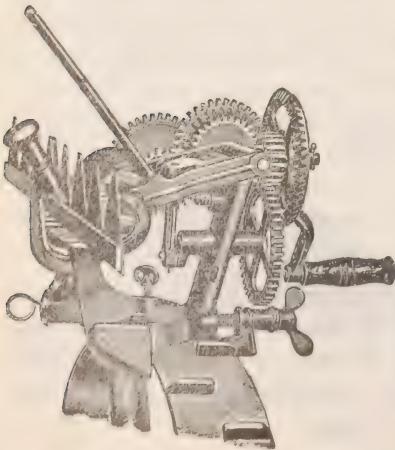
The Prosperous Farmer always has a



chines as being perfect in every detail, so well and scientifically constructed that they work without a hitch under the most trying circumstances, harvesting a crop with unerring accuracy and dispatch. They are ideal machines in fact as well as in name, the kind you think more of every time you harvest a crop with them, for not until then do you appreciate the Deering trinity of sterling qualities—durability, strength and economy.



MCCORMICK KNIFE AND TOOL GRINDER--AN ALL AROUND SUCCESS.

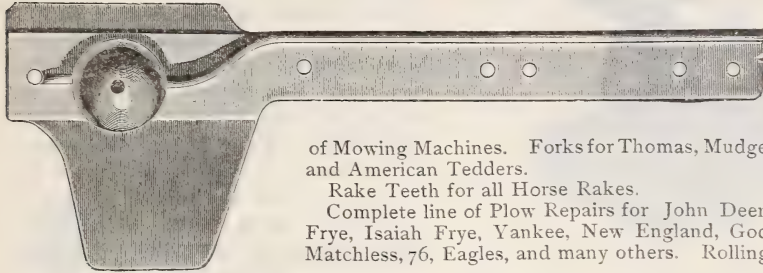


This grinder is convenient for use in the field, as it can be readily attached to the mower wheel by means of a thumb latch which holds the grinder firmly in position. The lever gives the operator perfect control, so that nicks can be ground out, and the shape of the stone insures the sections being sharpened with their original bevel. Uniform grinding is secured by means of an adjustable spring which automatically regulates the pressure of the sections against the stone. A cylindrical stone for grinding tools and a narrow circular-faced stone for the gumming of saws are furnished on special order. This knife grinder can also be furnished on special order as a foot-power machine.

Price **\$3.50**

REPAIRS AND EXTRAS.

We carry constantly in stock repairs for McCormick Mowers, McCormick Rakes, McCormick Grain and Corn Binders, Deering Mowers and Rakes, Worcester Buckeye Mowers, New York Champion Rakes,



Knife Head.

Tiger Rakes and Yankee Rakes.

Complete Knives, Knife Heads, Guards, Guard Plates, Sections, and Rivets for all makes

of Mowing Machines. Forks for Thomas, Mudgett, Bullard, Wood, Spicer, and American Tedders.

Rake Teeth for all Horse Rakes.

Complete line of Plow Repairs for John Deere, Syracuse, Hussey, J. J. Frye, Isaiah Frye, Yankee, New England, Goddard, Paris, O. K. Doe, Matchless, 76, Eagles, and many others. Rolling Coulters to fit all Plows.

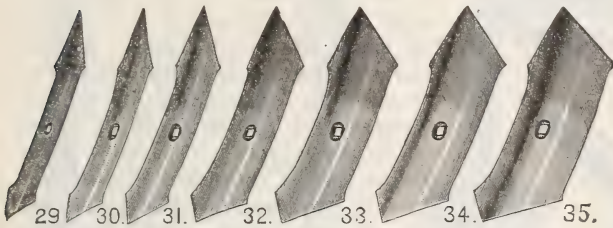
Cultivator Steels for all makes of Cultivators, Syracuse, Iron Age, and Twin City Cultivator repairs.

Spring Harrow Teeth for all makes of Harrows.

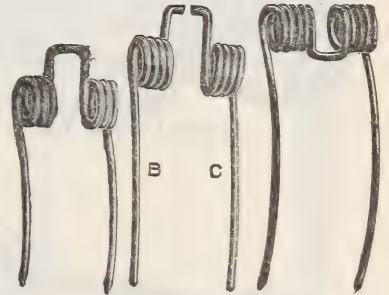
Spike Harrow teeth for all makes of Harrows.

Link Chain, all numbers, Thresher Teeth, Grindstone fixtures, etc.

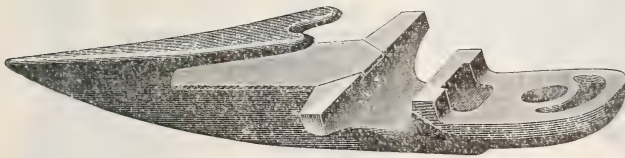
Prompt and careful attention given all orders for repairs, and any not carried in stock can be ordered at short notice.



Cultivator Steels.



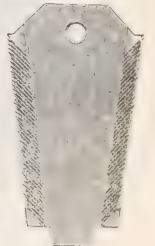
Tedder Forks.



Mower Guard.



Spring Harrow Tooth.



Guard Plate.

NOTICE.

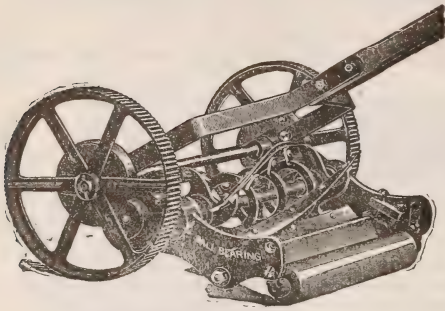
In ordering repairs always give name of machine and number on old part. When the number or letter cannot be found, it is always best to send the old or broken part, thus avoiding mistakes or delay.



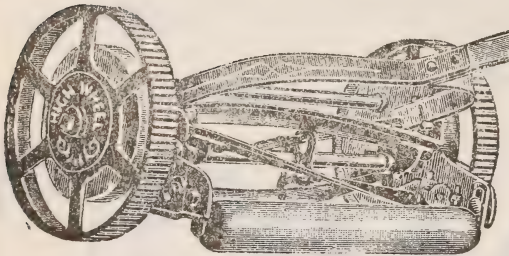
Mower Knife.

Repairs for Ohio and Gale Baldwin Ensilage Cutters.

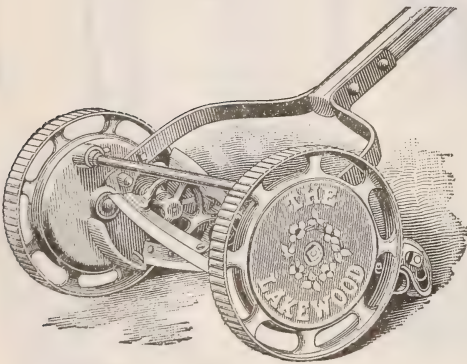
LAWN MOWERS.



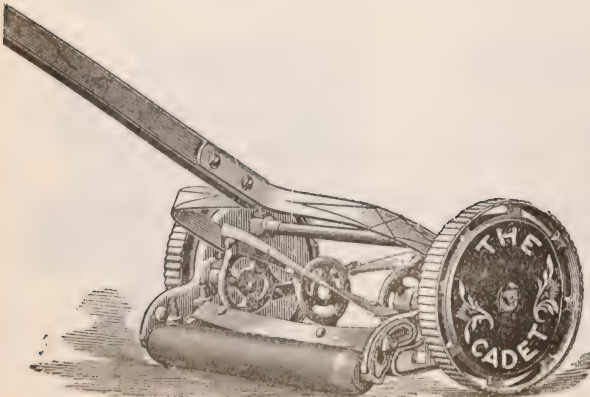
Victory Lawn Mower.



Imperial Lawn Mower.



Lakewood Lawn Mower.



Cadet Lawn Mower.

TOWNSEND'S VICTORY.

We cannot offer a better mower at any price. It has Ball Bearings of the very highest grade exact to $\frac{1}{4}$ of 1-1000 of an inch which greatly reduces friction. Double Steel Ratchet, very swift and smooth in action, as well as exceedingly hard for durability. Triple Gear. Entirely enclosed, therefore allowing no dirt or cut grass to find its way into the pinions or cogs. 16 in. \$8.50; 18 in. \$9.00; 20 in. \$9.50.

TOWNSEND'S SPIDER LAWN MOWER.

A splendid high grade mower at a little lower price than the Victory. 16 in. \$6.50; 18 in. \$7.00; 20 in. \$7.50.

HIGH WHEEL IMPERIAL.

The Imperial is one of our best mowers, the principal feature being that the knife bar is securely bolted to the sides, thus insuring a perfectly rigid frame. The knives are adjusted by means of our new patent hanger, and a locking device holds them securely in place. This hanger is so constructed that all wear can be taken up in the bearings. The triple pawl ratchet is the simplest and most durable on the market. The gears will outwear those of any other mower, as they are stationary when the mower is being run backwards.

16 in. \$8.75; 18 in. \$9.50; 20 in. \$10.50.

THE LAKEWOOD.

Ball Bearing.—(9-inch Wheels.)

The best medium priced Ball Bearing Mower on the market.

The strongest feature of this machine is the simple but positive, and reliable adjustment of the bearings.

16 in. \$5.75; 18 in. \$6.25.

THE NEWPORT.

Similar to the Lakewood, but has Brass Bearings in place of Ball Bearings. The Revolving Cutter and Bottom Knives of the Newport and Lakewood Mowers are of the same quality and weight as used on many High Grade Mowers of other manufacture.

16 in. \$5.50; 18 in. \$6.00.

THE CADET.—(8-inch Wheels.)

A thoroughly good Mower at a low price. It has large Driving Wheels, Brass Bearings, Patent Flexible Bottom Knife and Ratchets, and Adjustments equal to those used in many makes of High Grade Mowers.

14 and 16 in. \$2.50; 18 in. \$2.75.

A very complete line of the Celebrated Ely Steel Goods.

Garden Hoes, Hay Forks, Potato Diggers,
Meadow Hoes, Manure Forks, Weeders,
Garden Rakes, Spading Forks, Vegetable Forks,
Road Rakes, Stone Forks, Ensilage Forks,



Shovels,



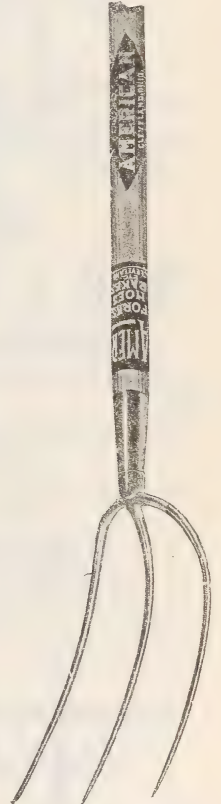
Spades,



Coal Scoops,



Post Hole Scoops.



Furnace Scoops,

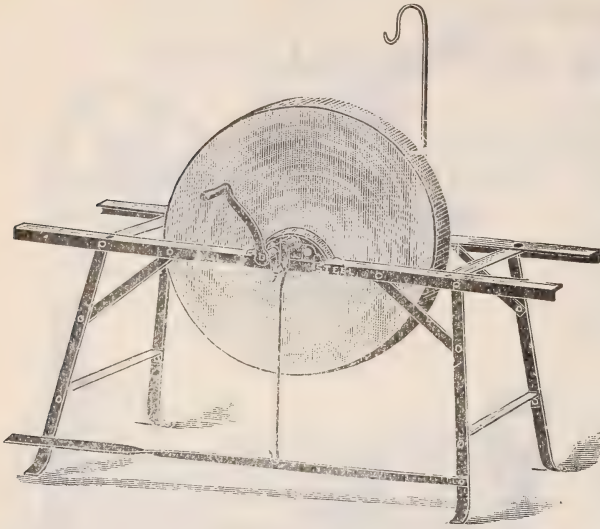
Ditching Spades,



FARMER'S BOILERS. A LOW PRICED FARMER'S BOILER.

Unsurpassed for General Farm Work.
NET CASH PRICES.

	FOR WOOD	FOR COAL
15 gall.	\$11.25	—
20 "	12.00	\$15.00
25 "	15.00	—
30 "	18.00	23.00
40 "	22.50	30.00
50 "	30.00	37.50
65 "	36.75	40.50



EUREKA STEEL FRAME MOUNTED GRIND- STONE.

Cross Bars Angle Steel, all steel Frame. All Castings Malleable. Rigid, strong, durable. Turns on Roller Bearings.

No. 1 Stone weighs 80 to 100 pounds. Price \$4.50

No. 2 Stone weighs 65 to 80 pounds. Price \$4.00

The U. T. K. Mounted Grindstone.

The frame is a combination of Wood and Steel and is strong and serviceable. Stones are selected.

No. 1—Stone about 27 to 30 in. in diameter.

Price \$3.25.

No. 2—Stone about 24 to 26 in. in diameter.

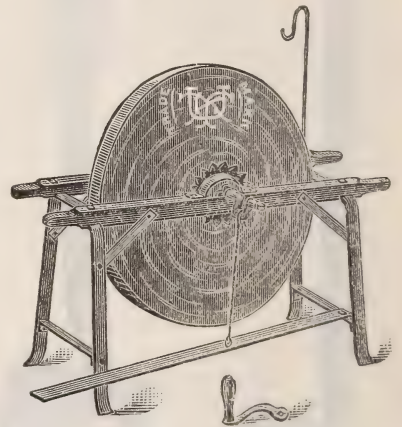
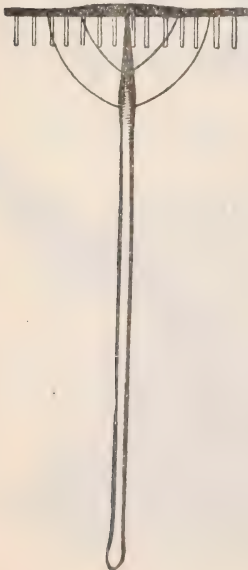
Price \$3.00.

Bartlett's Celebrated Hand Rakes.

Two and Three Bowed, Plain and Varnished Head, Straight and Bent Handles.

Price

15 to 35 cents each.



Marston's Adjustable Drag Rakes.

Made of clear selected stock with oiled heads. Extra Teeth and Pins for same.

Price of Rakes 65 cents.



Barrel Headers.

A simple contrivance but indispensable for putting heads in barrels after being filled with apples and other produce.

Price, No. 1. 1 in. Screw \$1.15.

Price, No. 2. 1 in. Screw \$1.40.

Barrel Header.

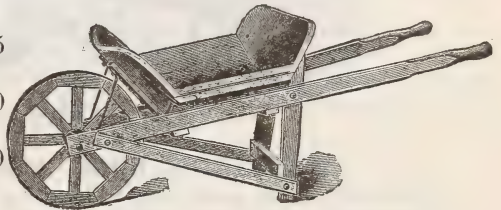
WHEELBARROWS.



No. 2 Painted Garden Barrows,	\$2.75
No. 4 " " "	3.00
No. 5 " " "	3.50
No. 6 " " "	4.00
No. 4 Natural Finish "	3.75
No. 5 " " "	4.00
No. 6 " " "	5.50

Canal Barrows.

Wood Tray,	\$2.00 to \$2.25
Steel Tray,	\$4.00
All Steel,	\$6.50 to \$8.00



GRASS HOOKS.

Little Giant,	\$.35
Gem,	.35
Daisy,	.20

CORN HOOKS.

20th Century Plain Blade,	\$.30
Dandy, " "	.20
" Serrated " "	.25

GRASS SHEARS.

Common,	.25
Polished No. 0263,	.30



Also Patented
in U. S.
Feb. 13, 1900.
June 26, 1900.
Jan. 1, 1901.
In Canada,
May 22, 1900.
Little Giant.

Gem.

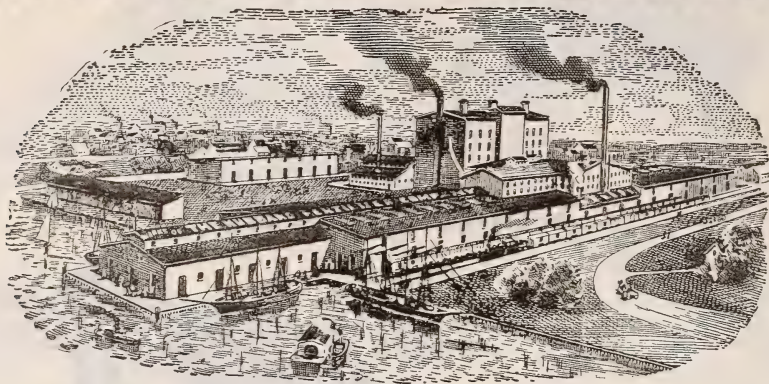
20th. Century Corn Hooks.

Scythe Stones.



G. B. Haskell Co.'s Ragg,	.10.	Black Diamond,	.10.	Willoughby Lake,		
.10.	Chocolate,	.10.	Emery,	.10.	Deerlick,	.05.

Fertilizers, Chemicals, Insecticides AND Fungicides.



HUBBARD'S BONE AND BLOOD FERTILIZERS.

There are so many goods being made to-day in the cheapest possible way, that we can demonstrate to your satisfaction, the superiority of this brand. They cost more to make than others because the ammonia is derived from blood, fish, sulphate of ammonia, nitrate of soda and tankage, and not from ground leather, scrap, hoof meal, hair and similar insoluble forms of ammonia, which are used by many other manufacturers. The Phosphoric Acid used in Hubbard's Fertilizer is derived from dissolved bone instead of dissolved rock, and in consequence is said to be more valuable. The Potash is derived from High Grade Muriate and Sulphate.

HUBBARD'S ESTABLISHED BRANDS.

We enumerate herewith a list of the brands carried by us, showing their guaranteed analysis. The actual analysis has exceeded these figures.

TRUCKERS' 5 PER CENT. ROYAL SEAL COMPOUND.

For Potatoes, Cabbage, Peas, Beans, Onions, Melons and other vegetables.

ANALYSIS.	PER CENT.
Ammonia,	5.00 to 7.00
Available Phosphoric Acid,	6.00 to 8.00
Insoluble Phosphoric Acid,	1.00 to 2.00
Total Bone Phosphate,	18.00 to 22.00
Potash,	5.00 to 6.00
Equal to Sulphate of Potash,	9.00 to 10.80

Ammonia derived from Bone Tankage, Blood, Fish, Nitrate of Soda and Sulphate of Ammonia.

Phosphoric Acid from Dissolved Bone.

Potash from High Grade Muriate and Sulphate.

Price per ton, \$38.00; per 100 lbs. \$2.00.

ROYAL ENSIGN.

For Tobacco, Tomatoes, Cabbage, Peas, Beans, Horseradish, Corn, Wheat, Oats, Barley and Grass.

ANALYSIS.	PER CENT.
Ammonia,	3.00 to 4.00
Available Phosphoric Acid,	8.00 to 10.00
Insoluble Phosphoric Acid,	1.00 to 2.00
Total Bone Phosphate,	20.00 to 26.00
Potash,	4.00 to 5.00
Equal to Sulphate of Potash,	7.20 to 9.00

Ammonia derived from Bone Tankage, Blood, Fish and Nitrate of Soda.

Phosphoric Acid from Dissolved Bone.

Potash from High Grade Muriate and Sulphate.

Price per ton, \$31.00; per 100 lbs., \$1.60.

Hubbard's Bone ^{A_ND} Blood Fertilizers.

B. B. P. Blood, Bone and Potash

For Potatoes, Cabbage, Peas, Beans, Onions, Melons and other vegetables.

ANALYSIS:	PER CENT.
Ammonia,	4.00 to 6.00
Available Phosphoric Acid	8.00 to 10.00
Insoluble Phosphoric Acid	1.00 to 2.00
Total Bone Phosphate	20.00 to 26.00
Potash K O	7.00 to 9.00
Equal to Sulphate of Potash	12.60 to 16.20

Ammonia derived from Bone Tankage,
Blood Nitrate of Soda and Fish.

Phosphoric Acid from Dissolved Bone.

Potash from Muriate of Potash and High Grade Sulphate.

Price per ton \$36.50.
Price per 100 lbs. \$1.95.

Farmers' I. X. L. Super-Phosphate

For Tomatoes, Cabbage, Corn, Potatoes and other vegetables.

ANALYSIS:	PER CENT.
Ammonia	2.00 to 3.00
Available Phosphoric Acid	8.00 to 10.00
Insoluble Phosphoric Acid	1.00 to 2.00
Total Bone Phosphate	20.00 to 26.00
Potash K. O.	2.00 to 3.00
Equal to Sulphate of Potash	3.60 to 5.40

Ammonia derived from Bone Tankage,
Blood, Fish and Nitrate of Soda.

Phosphoric Acid from Dissolved Bone.

Potash from High Grade Sulphate.

Price per ton \$28.00
Price per 100 lbs. \$1.50

Soluble Bone and Potash

For Corn, Wheat, Rye, Oats, Barley and Grass.

ANALYSIS:	PER CENT.
Available Phosphoric Acid	10.00 to 12.00
Insoluble Phosphoric Acid,	1.00 to 2.00
Total Bone Phosphate	24.00 to 30.00
Potash K. O.	2.00 to 3.00
Equal to Sulphate of Potash	3.60 to 5.40

Phosphoric Acid derived from High Grade Tennessee and Florida Pebble Rock.

Potash from High Muriate and Sulphate.

Price per ton \$20.00
Price per 100 lbs. \$1.10

Hard Wood Ashes.

We are in a position to furnish the very highest grade of Hard Wood Ashes in any quantity.

Dissolved Bone Black,	Muriate of Potash
Nitrate of Soda,	Kainit,
High Grade Sulphate of Potash,	Double Sulphate of Potash
Sulphate of Ammonia,	Plain Superphosphate
Dried Blood,	Tankage
	Plaster,
	Fine Ground Bone.

Agricultural Lime.

IS YOUR LAND SOUR? DOES IT YIELD POORLY? IS IT WORN OUT?

THEN APPLY

R-R AGRICULTURAL LIME

—Manufactured by—

Rockland-Rockport Lime Co.

Rockland, Maine.

Prepared especially for Farmer's use put up in jute sacks. It is ready for immediate use, no slacking being required. It will keep indefinitely, in a dry place, and is fine and uniform, so that it can be applied with a spreader if desired. Lime neutralizes the acid, causes clay soils to become more pliable and sandy soil to become more compact. Lime by itself will not sustain fertility, but increases the efficiency of fertilizers which may be applied.

Per 100 lbs. \$.45

Per ton \$8.50

George B. Haskell Company's Prepared Bordeaux.

It is exactly right for the purpose, and is ready for immediate use, and there is no waste. Requires no slacking or preparation of any sort, hence a great saving of time and labor. Will keep any length of time without deterioration. Per hundred, 80c.; per ton, \$15.



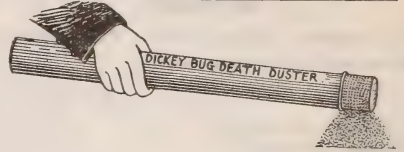
Pat. March 16 and Nov. 9, 1897.
Pat. in Canada Nov. 2, 1897,
and Jan. 25, 1900.

BUG DEATH.

This non poisonous Insecticide and Plant Food is now too well known to need any detailed description.

Prices.

12 1/2 LB. PKG'S.	\$1.00
100 LB. KEYS	6.50
PER LB. LOOSE	.07 1/2
DICKEY BUG DEATH	
SHAKER,	25c.



Directions for Spraying One Acre of Potatoes with Bug Death.

Fill a pail or bucket, holding about 12 quarts, half full of water. Stir 15 to 25 lbs. Bug Death into this water (the larger amount will pay best.) Fill sprayer tank nearly full with clear water (not too cold), then pour Bug Death from bucket into tank and start machine at once, being sure that agitator is working properly.

Directions for Spraying One Acre of Potatoes with Bug Death and Bordeaux Mixture.

Dissolve 6 lbs. copper sulphate (blue vitrol) in 6 gallons of water. Slack 6 lbs. lump lime, slowly adding water as it slacks, being careful not to burn the lime. When thoroughly slacked strain it through about a No. 50 wire strainer to remove any lumps before it goes into sprayer. When ready to spray, fill tank two-thirds full of clear water (not too cold) and add the 6 gallons blue vitrol water. Next put in 15 to 25 lbs. Bug Death (first mix Bug Death in pail of water, same as under directions for using Bug Death alone.) Fill tank almost full of clear water; lastly put in the lime water. Stir well with a stick and start machine at once, being sure that agitator is working properly. Bug Death kills all insects and being very adhesive holds the mixture on to the vines throughout the season, and can be applied in damp weather as rain will not wash it off.

The above solution, if properly applied, will positively prevent blight on potatoes, tomatoes, etc.

IF USED DRY. Apply with Dickey Bug Death Duster, or a cloth bag of right mesh; 12 1-2 to 25 lbs. per acre per application. The more freely used the better the plant will thrive. Dust plant evenly and thoroughly. Cloth bag mailed FREE on application.

ARSENATE OF LEAD.

IMPORTANT ADVANTAGES OF ARSENATE OF LEAD OVER PARIS GREEN ARE AS FOLLOWS:

It comes in paste form, is easily dissolved or suspended in water, is safely handled, and is applied without danger to man or beast in the process of application. It is about the same specific gravity as water, and therefore remains in suspension even during its application. It can be used of any strength on the most delicate foliage or fruits without danger of injury to them. This one property makes it pre-eminently the insecticide for the truck grower, who has so many delicate foliage crops to protect. It has the property of adhesiveness. It is of such consistency that once it has had time to dry on the plants after being applied, ordinary rains do not wash it off and it remains effective for longer period. A few hours of bright sunshine after application suffices to dry it well. Instances are on record where drenching rains have followed shortly after applications were made, and yet the insects ravaging the crops afterwards were destroyed. Had this been an application of Paris Green, the time, labor and cost of material would largely have been a loss.

1 lb. Tins, 20c; 5 lb. Pails, per lb. 18c; 100 lb. Kegs. per lb. 15c.

LIQUID BORDEAUX MIXTURE.

Mixed in regular standard proportions, without Paris Green.

1 qt. Cans; 1 gal. Cans; 5 gal. Cans; barrels, 50 gals. Write for prices.

Dr. Geo. Leininger's Liquid Formaldehyde.

For the prevention of Smuts in Wheat, Oats, Barley, all Cereal Grains, and Potato Scab. It is also a specific for the prevention and cure of Hog Cholera and makes a most excellent disinfectant.

Price 50 cents per pound with full directions.



Bowker's Ammoniated Food for Flowers.

A dressing made expressly for plants grown in the home, garden or conservatory. Clean, odorless and producing early and abundant blossoms of rich, and brilliant color, and healthy, luxuriant plants, free from vermin.

No. 1 Package—Sufficient for thirty ordinary sized plants for three months. 15 cents.

No. 2 Package—Sufficient for thirty ordinary sized plants for one year. 25 cents.

Bradley's Plant Food.—For House Plants.

Perfectly odorless and clean. Each package contains a pamphlet on the treatment of house plants with directions for applying the fertilizer. Per lb. 10 cents.

Nitro Culture—The Vest Pocket Fertilizer.

To combat the exhaustion of the soil the world is ransacked for fertilizers, the Guano islands and nitrate beds of the Pacific, the phosphate rock of the South, gypsum, sea weed, wood ashes, fish waste—everything that can put back into the soil those elements of which growing crops deplete it.

The scientists, however, propose to cure worn-out soil by inoculation! This sounds at first as if some one had gone daft in the chase of the elusive microbe. But the idea is not so crazy as it seems at first. All growing plants must have nitrogen; they absorb this by their roots, and to replace this nitrogen fertilizers are demanded. All about us is an inexhaustible supply of nitrogen in the air but no one can get hold of it except by very difficult and expensive chemical processes. If this could be easily secured the problem of fertilization would be simple. One class of plants—beans, peas, clover, alfalfa, etc.—have the power to absorb nitrogen from the air; farmers have long known that the roots of a crop of clover will so enrich the ground that a crop of wheat following it will be increased over that of the year before the clover. Why this was so was a problem that scientists have solved.



Specimen plants showing uninoculated and inoculated Clover.

On the roots of these legums are bacteria tubercles, and these bacteria have the power to absorb nitrogen from the air and apply it to the growth of the plant. It was left to an eminent scientist, George T. Moore, to learn how to grow these bacteria artificially apply them to plants: the results are nothing short of marvelous. The more of these nodules there are on a plant's roots the more nitrogen the plant will extract from the air.

Trail pkg's. 1-8 to 1-4 acre, 50c.

1 Acre \$ 1.50
20 " 18.00

5 Acre \$ 5.00
50 " 40.00

Write for full information.

Grafters and Orchardists

Be Sure and Use Graf to Wax on Your Trees this Spring.

TAKE NO OTHER.

99 per cent. of Scions grow under Graf to Grafting Wax. No Beeswax or Paraffine to kill the sprouts. Not too hard, not too soft. Useful in pruning. It stands all weather.

$\frac{1}{4}$ lb., 8 cents; $\frac{1}{2}$ lb., 12 cents; 1 lb., 20 cents.

Eureka Fly Killer.

QUALITY TELLS.

Up to 1906 we had tried nearly all kinds of so-called Fly Killers with unsatisfactory results. Last year we cut them all out except Eureka and our sales were three times the volume of any previous year. Our customers knew the good qualities of Eureka Fly Killer long ago. We fully agree with them now.



50 cents per gallon in bulk—60 cents per 1 Gallon Can.

Separator Oil.

We have been fortunate enough to secure a very high grade oil with high flash, unexcelled lubricating qualities, and good cold test, all of which are necessary to produce a first-class Separator Oil.

It is called Purity XXX Separator Oil.

The price is 15 cents quart—30 cents gallon bulk.
40 cents 1 gallon cans.

Purity XXX Harvester Oil

a fine heavy bodied oil for lubricating Mowing Machines and all other heavy farm implements.

30 cents gallon bulk,

40 cents 1 gallon cans.

Castor Oil,

Miller's Harness Oil,

Many Use Oil.

Boxall,

Bordeaux Mixture "Dry,"

Borax

Brimstone,

Copperas,

Sheep Dip

Paris Green,

Hellebore,

Chloride of Lime

Lye or Potash

Pitch,

Rosin,

Spanish Pink

London Purple,

Salts,

Salt Petre,

Whale Oil Soap

Sulphur,

Coal Tar,

Pine Tar,

Tobacco Stems

Blue Vitrol,

Glue

POULTRY SUPPLIES.

WE SELL THE GENUINE CYPHERS INCUBATORS

Reasons Why You Should Buy A Genuine Patent-Diaphragm, Non-Moisture
Self-Ventilating and Self-Regulating Standard Cyphers
Incubator--Latest Pattern.

ARTIFICIAL INCUBATION.—

Years of experience have demonstrated the many advantages of artificial incubating and brooding over the old method,—the hen. The experimental stage has been passed, and the poultryman of to-day has but to decide which make of machine to buy—the one that will hatch the largest number of strong, vigorous, healthy chicks from a given number of fertile eggs, and with the least amount of expense and labor; also the brooder best equipped for taking care of the new life as soon as it is ready to leave the incubator.



The best possible test of an incubator is the work it actually does in the hands of the average operator. Tens of thousands of Cyphers Incubators have been sold since they were placed on the market, and their merit is attested in the following:

WARRANT OF SUPERIORITY:—Every genuine patented Standard Cyphers Incubator, latest—pattern, is positively guaranteed as follows:

FIRST: To require no supplied moisture under normal conditions, thus solving and disposing of the troublesome “moisture question.”

SECOND: To be self-ventilating, the air in the egg chamber remaining pure at all times by its own gentle but positive action.

THIRD: To be self-regulating, being equipped with the most sensitive and durable regulator thus far invented.

FOURTH: To be so constructed that the temperature in the egg chamber is more equable than in any other incubator.

FIFTH: To be precisely as represented in construction, materials and workmanship, and, if given reasonable care, to last ten years without repairs.

SIXTH: To be easy to set up and positively automatic in operation (except as to trimming the wick, filling the lamp and turning the eggs), and to operate with less labor and expense than any other make of incubator.

SEVENTH: To be in all essentials the easiest and simplest to operate and control, requiring less attention than any other make or style of incubator in the world.

EIGHTH: To produce larger, stronger and healthier chicks and ducklings than any other style or make of incubator.

NINTH: That when it is run in competition with any incubator of a different make, it shall in three or more hatches, bring out a larger average percentage of the fertile eggs in good, healthy chicks and ducklings than does its competitor.

TENTH: That each and every Standard Cyphers Incubator we send out will do satisfactory work in the hands of the purchaser, provided he will give it a fair trial, or it can be returned to us within ninety days, in good repair, less reasonable wear, and the purchase price will be refunded.

THE WORLD'S STANDARD HATCHER.—The genuine Standard Cyphers Incubators are not an experiment. They have been before the public ten years, and have received the benefit of ten years improvements. Their fame has grown until they are now acknowledged to be the "World's Standard Hatchers."

The latest-pattern Standard Cyphers Incubator represents the highest degree of excellence yet achieved in incubators, both in principle and mechanical construction. It overcomes practically every defect, every inconvenience, and every objection urged to artificial incubation as performed by machines of other types. It not only is more convenient to operate; it not only consumes less oil; it not only is safer; it not only hatches a larger percentage of the eggs entrusted to it, but it produces larger, stronger, healthier and more vigorous chicks and ducklings than any incubator ever built. This is our guaranty to the poultry fraternity.

Standard Cyphers Incubators are used on more Government Experiment Farms, on more successful, large, commercial poultry plants, and by more successful fanciers, than all other incubators combined.

The Standard Cyphers is a hot-air incubator, and therefore, does not possess a tin, galvanized-iron or copper tank to rust out, spring a leak and water soak the machine, thereby injuring or ruining the wood-work. The improved regulator or thermostat used in the latest-pattern Standard Cyphers is built on original lines, and no other style of regulator has been devised that is its equal in durability, exactness or reliability.

All sizes of the latest-pattern Standard Cyphers Incubators are equipped with a "drop-bottom" for supplying ventilation when the incubator is operated during the warm months of May, June, July and August. This new and valuable feature enables the operator to meet all conditions of weather.

The No. 2 and No. 3 latest-pattern Standard Cyphers Incubators are furnished with nursery drawers, the drawers occupying the nursery space underneath the egg trays, and are reached through solid wooden doors located below the glass panel door that opens into the upper portion of the hatching chambers where the egg trays are situated. These drawers will be found of great convenience in removing the chicks and ducklings from our large-size incubators as often as it may be deemed advisable without interfering in any way with the remainder of the hatch.

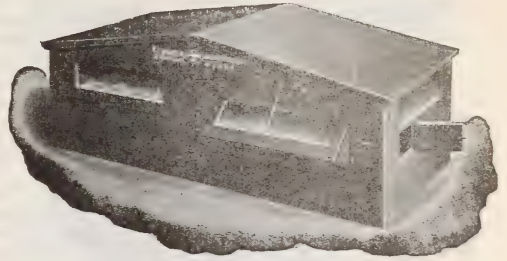
Cyphers Company Incubators are the only machines manufactured that lawfully can be equipped with our patented removable diaphragms, by use of which the "diffusive" system of ventilation is employed, overcoming the necessity of supplying additional moisture by use of shallow pans, wet sponges or moist cloths. This achievement has rendered Cyphers Incubators so simple and easy to operate and so certain in results that they have met with universal appreciation by experienced operators, while beginners succeed with them from the first trial because the machine itself solves the "moisture problem" for them; in other words, we place in their hands a practically automatic hatcher, leaving nothing to chance or inexperience.

By special arrangement with the manufacturers, we are now in a position to sell Cyphers Incubators f. o. b. Lewiston at exactly factory price as follows:

No. 0,	66-egg size,	\$13.00.
No. 1,	140-egg size,	20.00.
No. 2,	240-egg size,	29.00.
No. 3,	390-egg size,	35.00.
Farm Economy,	110-egg size,	12.00.

Cyphers Style A, Three Apartment, Outdoor Brooders and Colony House.

The Cyphers Style A Brooder furnishes an outdoor home for little chicks that is as near weather-proof and neglect proof as can be bought and sold at a popular price. We have manufactured these brooders during the past nine years and the best proof of their merit is that tens of thousands have been sold and are giving the best of satisfaction.



Briefly, the special points of merit in the Style A Brooder may be summed up as follows:

FIRST: It is rain-proof and storm-proof, and the roof of both the hover chamber and feeding and exercising apartment being covered first with Cyphers Red rope roofing paper and then with a specially-prepared heavy weight, water-proof duck.

SECOND: It is fire proof, being equipped with the Cyphers Insulated Brooder Stove, and the entire floor of the hover chamber being protected underneath by a solid sheet of galvanized iron with an air space between it and the wooden floor.

THIRD: The fumes from the brooder stove cannot pass into the chick chambers (into either apartment), but are carried out at the sides of the brooder by an infallible device.

FOURTH: The surplus heat from the insulated brooder stove preserves all the lower woodwork of the brooder, by warming and drying the soil underneath, thus making the brooder not only safer and more comfortable, but more lasting.

FIFTH: The brooder stove is easy of access, being above ground and easily and quickly reached. The flame may be observed without the necessity of stooping over to look through the small mica window in the stove door.

SIXTH: The brooder need not be placed in a pit, nor need the ground be excavated for the brooder stove; hence the saving of labor and in the trouble of caring for the brooder.

SEVENTH: When the temperature underneath the chick hover is at 95 degrees, we have a surrounding atmosphere of 80 to 85 degrees, while in the front apartment the temperature will average several degrees lower. The chicks, therefore, may suit themselves, going to and from the heat at will, and will be found to be comfortable at all times.

EIGHTH: The cylindrical chick guard prevents the chicks from crowding and also prevents their coming in contact with the heat drum or dome, to their injury.

NINTH: In this Brooder there are no stairs to climb, hence no danger of the little chicks getting lost and becoming chilled while learning their way in and out.

TENTH: The brooder may be readily converted into a colony house or colony roosting coop without the use of tools or the driving of a nail or screw.

Price,.....\$14.00.

Cypher's Storm King Outdoor Brooder and Colony Roosting Coop.



Recognizing the widespread demand for a thoroughly well made practical Brooder that can be sold at a lower price than our Standard Style A or Self-Regulating Brooders, we have devised and perfected the Storm King Brooder. This brooder is lower in price simply because there is less of it—i. e., it has less floor space—not because it is cheaper in quality of materials, inferior in workmanship or wrong in principle of construction.

The Cypher's Storm King Outdoor Brooder, 1907—Pattern, consists of the brooding apartment of the style A and Colony Brooders without the exercising apartment of either, and without the regulating device and double insulation of the Colony Outdoor Brooder. In all other respects—including quality of materials, in work-

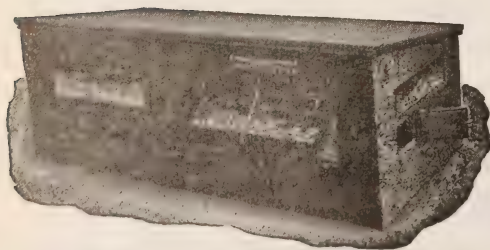
manship it is identical with the brooding sections of the two larger and higher priced brooders, except that it has a double frame door in front, furnishing light and warm weather ventilation to the interior, instead of the smaller single-frame door used in this section of the other two styles of Cypher's Outdoor Brooders.

The entire floor space of this brooder together with the lamp and other working parts, may be removed and roosts placed on floor cleats inside brooder, thus making a well-lighted, well-ventilated colony roosting coop.

Price

\$9.00.

Cypher's Self-Regulating, Three Apartment, Outdoor Brooder and Colony House.



The Cypher's Self-Regulating, Combination Outdoor Brooder and Colony House, 1907-Pattern, possesses every valuable feature that has made the Style A Outdoor Brooder the safest and most popular device on the market together with a number of additions that will recommend it to many purchasers. It differs only in size and shape, and is equipped with a Regulating device that will be of material assistance in maintaining a more uniform temperature underneath the chick hover, especially when exposed to all kinds of weather and in extra cold climates.

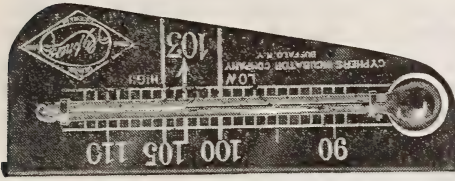
The heating system in every particular is identically the same as is used in the Style A Brooder. In addition to the valuable features possessed by the Style A Brooder, this brooder is also provided with double-wall insulation for the hover chamber, for use during winter months. When spring arrives, and the weather moderates, this double wall can be removed in five seconds of time, without the use of any tools whatsoever.

The entire floor space of this brooder, together with the lamp and other working parts, may be removed and roosts placed on floor cleats inside brooder, thus making a well-lighted, well-ventilated colony roosting coop.

Price

\$17.00.

HIGH GRADE TESTED THERMOMETERS.



Cyphers Incubator Thermometers, for use in Cyphers Incubators, each, postpaid \$.60.

BROODER THERMOMETERS.

Unmounted, \$.45.

Brooder Thermometers mounted on wooden holder, each, postpaid \$.55.

LAMP WICKS.

For incubator lamps, 25c. per dozen, postpaid. These wicks come in two sizes; state sizes wanted.

Wicks for Brooder Stoves 20 c. per dozen, postpaid.

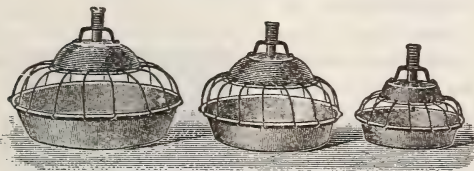
Wicks for Sectional Brooder Lamps, 25c. per dozen, postpaid.

WIRE NESTS.

These nests are strongly made from heavy Japanned steel wire and will last a life-time. They are easy to clean and far superior to the ordinary wood boxes.

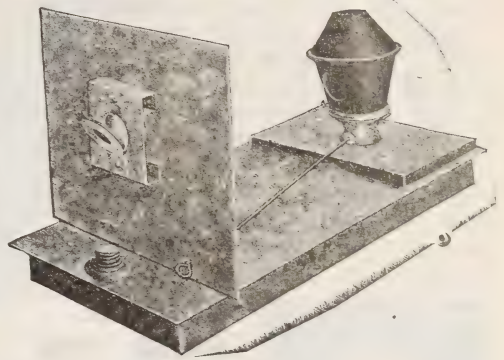
Prices, each, \$.0.15; per dozen, \$1.40.

HALLICK'S FOOD AND WATER HOLDERS.



Just the thing to prevent chicks or fowls from getting into the pan and soiling food or water. Remove all danger of drowning the chicks, save food and prevent disease. These food and water holders are made of heavy galvanized iron, rust-proof pans, protected with heavy wire guards. Made in three sizes; small size, one gallon, each 75c; medium size, two gallons, each \$1.00; large size, three gallons, each \$1.25.

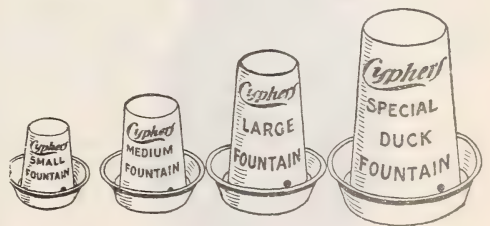
CYPHERS INSULATED BROODER STOVE.



For those desiring to buy brooder lamps, or stoves, we offer the Cyphers Improved Insulated Brooder Stove. This new stove does away with the water jacket or reservoir required on brooder stoves usually sold for the purpose. The insulating plate of heavy galvanized iron is so placed between the burner and the oil bowl that all heat of the flame is deflected away from the oil reservoir, so that the oil remains cool at all times. The stove has a seamless bottom, hence will not leak. Price, each \$1.50.

CYPHERS GALVANIZED IRON DRINKING FOUNTAIN.

These fountains embody every good feature of the up-to-date drinking fountain, and

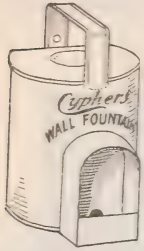


are acknowledged to be the best in use. They are light, non-breakable, easily cleaned and keep the water clean. Small size fountain is just the right size for brooder use.

Prices, small size, each 18c; medium size, each 25c; large size, each 35c.

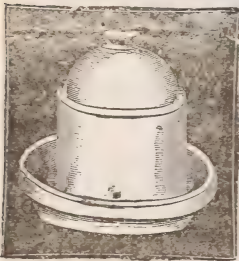
CYPHERS PERFECT POULTRY MARKER.

This punch is so simple in construction that it will appeal to all as a practical tool. Cyphers Perfect Marker is made especially for the work of marking chicks, makes a good, clear, clean, cut and does not mutilate the web. Price, each 50c.

CYPHERS WALL FOUNTAINS.

These fountains are something new and extra serviceable in the way of poultry fountains. One side of the back is flattened so that it can be hung on the wall of a building or against an upright post or board at any height. These fountains are equally serviceable for young chickens or adult fowls, and are especially useful for pigeons.

Prices, 1 Gal size each \$.50
 " 2 " " " .75

**EARTHENWARE DRINKING FOUNTAINS.**

¼ Gal. each \$.20
 ½ " " .25
 1 " " .30
 2 " " .40

SANITARY GRIT AND SHELL BOX.

This box is manufactured in the best galvanized iron and contains three apartments for food, shells or grit. It can be hung up against the wall at any height desired and is a thoroughly first-class article, practically indestructible and will last a life-time. It is the best self-feeding hopper on the market.



By the use of this self-feeding box every particle of grit, shells or food will be properly used and waste prevented, thus increasing the profits. Price each, \$.50.

DRY FOOD HOPPERS.

Cyphers Dry Food Hopper is constructed of Heavy Galvanized Iron, like the Grit and Shell Box. It has two compartments, a large one for grain mixtures, holding about six quarts and a small one for beef scraps, holding about three quarts. Price, each \$.75.

CYPHERS X-RAY EGG TESTER.

The Cyphers X-Ray Egg Tester is made of the best block tin and consists of a central cylinder or lamp flue, 5¼ inches high, with an outside diameter of 2½ inches at the base and 2¾ inches at the top. It is designed for use in an ordinary hand lamp, fits over any style of burner with a diameter approximating that of the tester. In a dark room the light will be found strong enough to penetrate the shell and illuminate the interior of the egg. Price, 25 cents each, postpaid, 35 cents.

OVINAPTHOL NEST EGGS.

These are the standard combined nest egg and lice killer. Are used in the nest in the same manner as any ordinary nest egg. Rids laying hens of lice and mites, keeping the nest sweet and clean. The genuine bear embossed on each egg the words "Ovinaphthol Nest Egg."



Prices, each, 10c; per dozen, 75c.

PORCELAIN NEST EGGS.

These Eggs are made of first class Flint Glass. They do not break easily and will last indefinitely.

CYPHERS POULTRY LIBRARY.

Six of the latest and best practical poultry books to date. Bound in neat attractive covers, fully illustrated.

Book No. 1, Profitable Poultry Keeping in All Its Branches.

Book No. 2, Profitable Care and Management of Poultry.

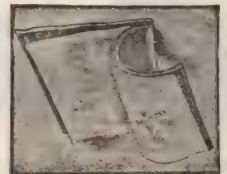
Book No. 3, Profitable Poultry Houses and Appliances.

Book No. 4, Profitable Egg Farming.

Book No. 5, Profitable Market Poultry.

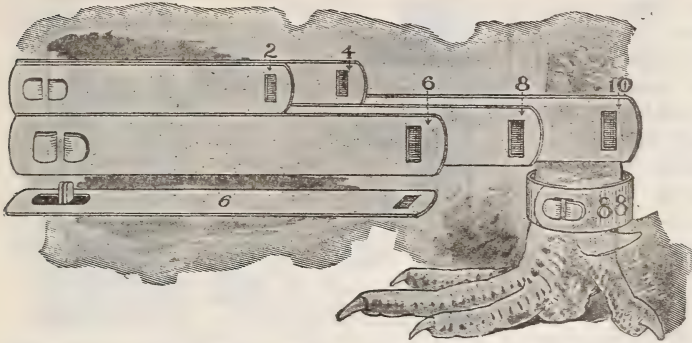
Book No. 6, Capons for Profit.

Price of these books is 50 cents each, postpaid.

**Special Offer.**

We will send any five of these books to one address postpaid on the receipt of \$2.00.

IDEAL ALUMINUM LEG BANDS.



No. 2 are for pigeons; No. 4 for Bantams, except Cochin Bantams; No. 6 for Hamburgs, Polish, Cochin Bantams and for birds in the Mediterranean class, except Minorcas; No. 8 for Minorcas, Cornish Indians and ducks and all birds in the American class; No. 10 for birds in the Asiatic class also turkeys and geese.

Prices, postpaid, 12 for \$.15, 25 for \$.30, 50 for \$.50, 100 for \$.75

CYPHERS ROUP CURE.

Cyphers Roup Cure is positively guaranteed by its manufacturers to cure roup in



all its forms. It is simply put in the drinking water and the chicken takes its own medicine. It prevents colds and is unequalled for canker, especially in pigeons.

Prices, small size package makes 25 gallons of medicine, postpaid 50c; large size package makes 75 gallons of medicine, postpaid \$1.00.

CONKEY'S CELEBRATED ROUP CURE.

Conkey's Roup Cure is the only remedy that is positively guaranteed by its manufacturers to cure roup in all its forms. It is simply put in drinking water and the chicken takes its own medicine. It prevents colds and is unequalled for canker.

Small size pkg. 50c; large size pkg. \$1.00.

RUST'S ROUP PILLS.

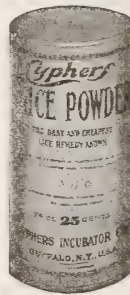
Price per package, 25c.

CYPHERS EGG STIMULANT.

Cyphers Egg Stimulant is a tonic and condition powder for promoting the general health, and is also a gentle stimulant to the egg producing organs, strengthening and stimulating them to a healthy, normal action, resulting in strong fertile eggs. Each package contains enough to treat two bushels of food.

Price per package 25c; postpaid 35c.

CYPHERS LICE POWDER.



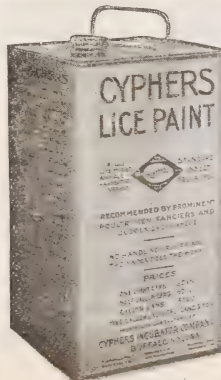
In offering Cyphers Lice Powder we present a powder that we believe to be stronger than any other preparation sold for the purpose. It is carefully compounded, and contains no carbolic acid or other chemicals which will injure the fertility of the eggs. It is clean to handle, easy to apply, sure in effect and can be used in the nests of sitting hens, without injuring young chickens.

For lice on cattle and horses, ticks on sheep, and fleas on dogs, Cyphers Lice Powder is a most effective remedy. As an insect powder, it has no equal. We believe a trial package will convince you of this.

PRICES:

5 ounce package (trial package) 10c. Postpaid 15c.
15 ounce package 25c. Postpaid 40c.
48 ounce box (by express at customer's expense,) 50c.

CYPHERS LICE PAINT.



This is a dead sure liquid lice killer for poultry or stock. Kills lice, mites, and other insects, parasites on fowls, also lice and ticks on sheep, hogs, horses and cattle. The vapor which arises from Cyphers Lice Paint is what does the work. This vapor hovers about the fowl, permeates the plumage and contains an element which, while not obnoxious to human beings or animals, is deadly to lice and other insect vermin. Easy to use; effective while fowls sleep. Full directions on every can.

Prices, 1 qt. \$.35, 2 qts \$.60, 1 gal. \$1.00.

NAPCREOL.

A Concentrated Preventive of Disease and Guaranteed to Do the Work.



Napereol is unexcelled for disinfecting poultry houses and runs, stables, dog kennels, toilets or any place where a good germ destroyer is needed. Ready for instant use by simply mixing with the required amount of water. One gallon makes 100 gallons of disinfectant. It is a

reliable home remedy for all germ diseases. Full directions for use on every can. Prices, half-gallon cans, \$.85 each; one-gallon cans, \$1.50 each.

GRENIER CAPONIZING SET.

The Grenier Caponizing Set is especially designed to simplify the operation of caponizing, so that the beginner can easily master it. This set consists of a lancet shaped knife, spring spreader, forceps, hook, ring probe and canula. Price in velvet lined case, \$3.00

DR. HESS' INSTANT LOUSE KILLER

Destroys lice on poultry, stock of all kinds and ticks on sheep. It is a powder put up in round cans with perforated top, and sold on a written guarantee. Price per pkg. 25c.

DR. HESS' POULTRY PAN-A-CE-A.

Dr. Hess' Poultry Pan-a-ce-a makes hens lay. They have to lay. The fowl gets more nourishment from the food taken and the egg-laying organs develop new egg clusters. It is upon the organs of digestion that egg-making depends. Pan-a-ce-a contains tonics that increase the digestion; it also contains iron for the blood and nitrates to expel poisonous material through the skin; it is the only reasonable way to produce eggs without stimulants that are injurious.

1½ lb. pkg. 25c; 5 lb. pkg. 60; 12 lb. pkg. \$1.25; 25 lb. pail, \$2.50.

PEEL'S IMPROVED POULTRY FOOD.

Will cure Gapes, Roup, Fever, Chicken Cholera and prevent the diseases which cause so much loss to chicken and turkey raisers every season.

1¾ lb. pkg. 25c; 4 lb. pkg. 50c.

MICO SPAR CUBICAL GRIT

Does not become smooth, but retains its cubical form until entirely worn out. This makes it

A PERFECT DIGESTER.

No oyster shells are required as Sodium, Aluminum, Magnium and Lime are found in sufficient quantities to form a hard shell. This makes it

A PERFECT SHELL MAKER.

Iron is found in its Mica Chips. This makes it

A PERFECT YOLK BUILDER.

No. 1. For Turkeys.

No. 2. For Fowls.

No. 3. For growing Chicks, Pigeons and Ducks.

No. 4. Extra Fine, for Chicken Food.

Price per 100 pound bag, 70 cents.

OYSTER SHELLS.

Crushed and ground to the size which expert poultrymen agree to be the best. Every pound of shell we sell is all shell and no waste. Price in quantities quoted on application.

CRACKED BONE—"MEDIUM."

The impression prevails in many quarters that bone must be fresh or green to be of value as a food. This is not the case. The fresh bone contains about 40 per cent. water, 12 per cent. grease,—52 per cent. of matter which your fowls do not need or care for, and which also taxes the digestive organs unnecessarily. The cracked bone we offer is made from fresh green bones, from which the moisture and grease have been taken, leaving nothing but the phosphates, lime, and protein. Bone is especially valuable as an eggshell producer.

Price, 50 lbs. \$1.30; 100 lbs. \$2.45.

EXTRA FINE CRACKED BONE FOR CHICKENS.

Price, 50. lbs. \$1.30; 100 lbs. \$2.45.

All Poultry Foods subject to market changes.

CRESCENT BRAND CHICK FOOD.



A Complete Food For Small Chicks up to 6 to 8 Weeks Old.

High grade mixture of SWEET, SOUND, RECLEANED Cracked Grains and Seeds, best adapted to
CHICK FEEDING.

ALWAYS READY

NO WASTE

NO DIRT

This brand is offered as superior stock—a trial will demonstrate its feeding value.

PUT UP IN 100 LB. SACKS.

BRANDED WITH TRADE MARK.

PRICE PER 100 LBS. \$2.00

SUN BRAND CHICK STARTER.

A primary food for baby chicks up to three weeks old.

High grade mixture of SWEET, SOUND, RECLEANED Cracked Grains and Seeds—is similar to the Crescent Brand, but graded smaller, being more suitable for feeding little chicks. Put up in 100 lb. sacks. Branded with trade mark. Price per 100 lbs., \$2.10.



PURITY BEEF SCRAPS.

A condensed and granulated Beef Scrap of the greatest purity. The process of granulation is such that it is impossible for bone or refuse to be introduced. We are assured by the manufacturer that these Beef Scraps do not contain any pork product

Analysis.

Protein

Fat

Found per cent.
63.25

Guaranteed per cent.
60.00

Found per cent.
12.62

Guaranteed per cent.
5.00

The above analysis was taken from Maine Agricultural Experiment Station, Bulletin No. 129. Price of Purity Beef Scraps, \$2.70 per 100 lbs.

EXTRA FINE PURITY BEEF SCRAPS.

Same grade as regular test ground finer for small chicks. Price of Purity Beef Scraps, \$2.70 per 100 lbs.

PURITY MEDIUM CUT ALFALFA.

As an accompaniment to the mash fed by some, and the dry food by others, a vegetable food is indispensable, in fact, no mash is complete without it. Among green feeds, Alfalfa stands at the top. Our medium Cut Alfalfa is the first process of milling. All the stalks, leaves and blossoms are reduced to edible lengths, and are retained in the first product. All long stems, weeds, etc., are entirely eliminated, which is possible only by our special methods. Thus, having absolutely no waste, ours is far superior to ordinary cut Alfalfa. When used with the mash, Medium Cut Alfalfa is mixed dry with other foods, and scalded or boiled with them, as the poultryman desires. When fed in connection with dry grains it should be scalded in a trough or other vessel and left for the fowls to eat at will. Price, 100 lb. bag \$2.00

Purity Charcoal.

Prepared expressly for Poultry.

Our Purity Charcoal is true to name and is guaranteed to be absolutely pure and free from the usual large quantities of dirt and dust found in ordinary charcoal.

Purity Charcoal is useful as a blood purifier and disease preventative. It is one of the best and most natural remedies for sour crop, diarrhoea, and other similar digestive troubles.

Coarse granulated for fowls and large chicks.

Fine granulated for use in mash mixtures and ducks.

Price per bag of 100 lbs. \$2.10.

FULL NEST EGG FOOD.

Everybody wants eggs when prices are high. They can get them by using Full Nest Egg Food. An increase of eight eggs a month will pay for a 42 ounce package which will bring you several times that number of extra eggs. Full Nest Egg Food is the standard condition powder for all ages of poultry. It stimulates and invigorates, but unlike other tonic foods, it also builds up the system and keeps it up. Full directions for use in every package.

Price: 42-oz. package, 25c.



Seeds and Grains for Poultry.

Wheat, Barley, Millet, Hemp Seed, Sunflower Seed, Hulled

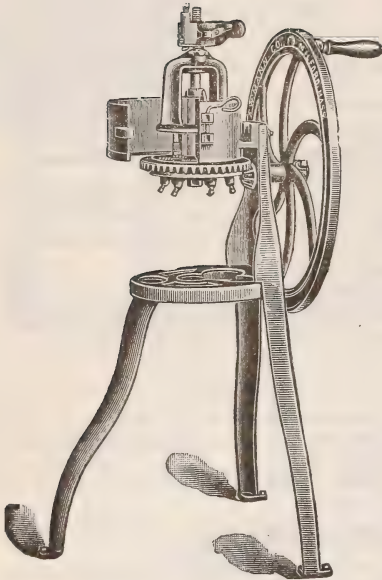
Oats, Steel Cut Oats, Kaffer Corn, Canada

Peas, Rice, Linseed Meal, Canary

Seed, Mixed Bird Seed.

AT MARKET PRICES.

Mann's New Model Open Cylinder Green Bone Cutter.

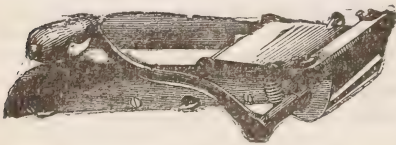


Mann's Bone Cutter.

No. 5c, with Crank Handle,	\$ 6.00
No. 5B, with Balance Wheel,	8.00
No. 5BM, with Balance Wheel, and Iron Stand,	10.40
No. 7, with Balance Wheel, and Iron Stand,	12.00
No. 9, with Balance Wheel, and Iron Stand,	18.40
No. 11, Power Machine,	26.00
No. 12, Power Machine,	30.00
No. 15, Power Machine,	60.00
No. 14, Power Machine,	76.00
No. 16, Power Machine,	225.00

We carry a full line of extra parts for all sizes of cutters
Write us for prices before purchasing.

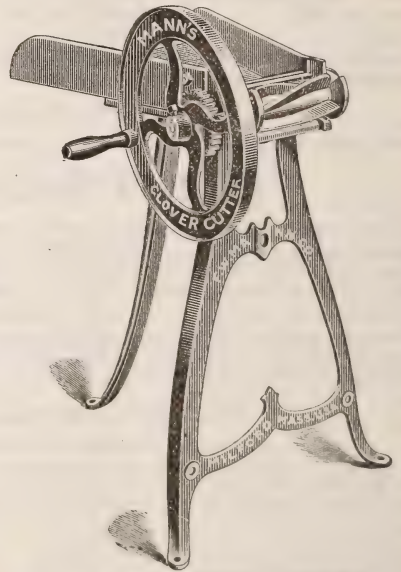
THE STEARNS CLOVER CUTTER.



A person in five minutes can cut enough with this machine to last one hundred fowls a day.

This cutter is made in convenient size for use on bench or table. The entire frame is made of malleable iron, making a very light and strong machine. It is self-feeding and self sharpening. Cuts clover very rapidly. Is also suitable for cutting cabbage leaves, alfalfa, etc., and is run with very little effort.

Price, each, \$3.00.



MANN'S CLOVER CUTTER.

Cuts any kind of Hay or Clover, either dry or green and more rapidly than any other make.

Price with Balance Wheel \$8.00.

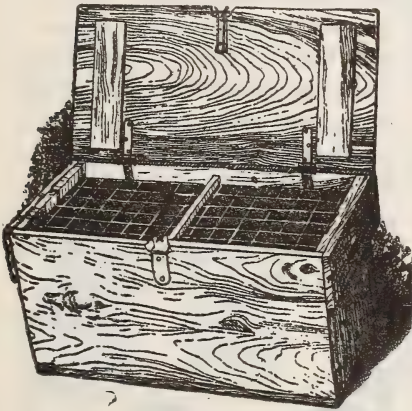
Price with Balance Wheel and Stand, \$10.00.

GEO. B. HASKELL CO.'S EGG CASES.

This is the most popular case on the market with handlers and shippers of eggs. We carry the following sizes constantly in stock.

Prices of cases complete with fillers, 8 dozen, 65c; 15 dozen, 80c; 30 dozen, \$1.00; 49 dozen, \$1.20; 56 dozen, \$1.35.

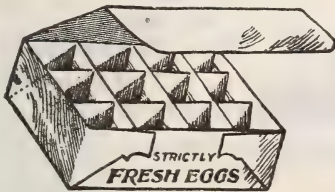
Prices of fillers per set, 30 dozen, 30c; 49 dozen, 40c; 56 dozen, 50c.



Egg Case.

IDEAL EGG BOXES.

Just the thing for family egg trade. The best pasteboard egg box on the market. Shipped knock-down, easily set up. Prices, 1 dozen size, 12c. per dozen; 75c. per hundred.



Ideal Egg Box.

EYRIE SHIPPING BOXES.

A convenient, light and strong pasteboard box with handle for carrying or shipping fancy eggs for settings.

No. 1 for 15 Eggs, each 15c; dozen, \$1.25.

No. 2 for 30 Eggs, each 20c; dozen, \$1.90.

POULTRY NETTING.

We carry the well-known New Jersey Netting and guarantee it to be the very best. It is galvanized after weaving, has three selvage wires, where other makes have but two. Is coated with pure spelter, or zinc, (Tin rusts), and is full measure in length and width.

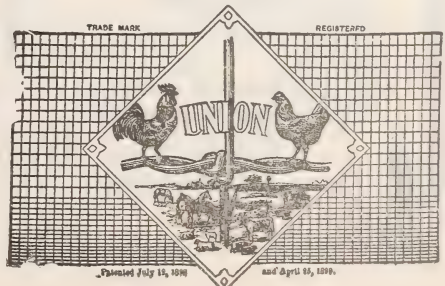
All sizes in both Poultry and Chicken mesh. Write for prices.



Poultry Netting.

UNION LOCK POULTRY NETTING.

The Union Lock Poultry Fence has all the advantages of the regular hexagonal work, and excels that fence by having a closer mesh at the bottom, all the horizontal lines cables, and will fit any unevenness of the ground without cutting. We put this Fence on the market strictly on its merits, feeling confident that we are able to give you a better value for the price asked for it than has yet been offered, and are sure that a trial order for our Union Lock Poultry Fencing will convince you that all of our claims are just and reasonable, and will also be the greatest assurance that we can have that we will get your future business for poultry fencing. Send for circular and prices.



Hay Carriers and Fixtures.

The Myers Clover Leaf Unloader Swivel and Reversible for Double Steel Track.

Has 3 1-4 in. Track Wheel and 7-8 in. Turned Steel Axles. Aluminum Finish.

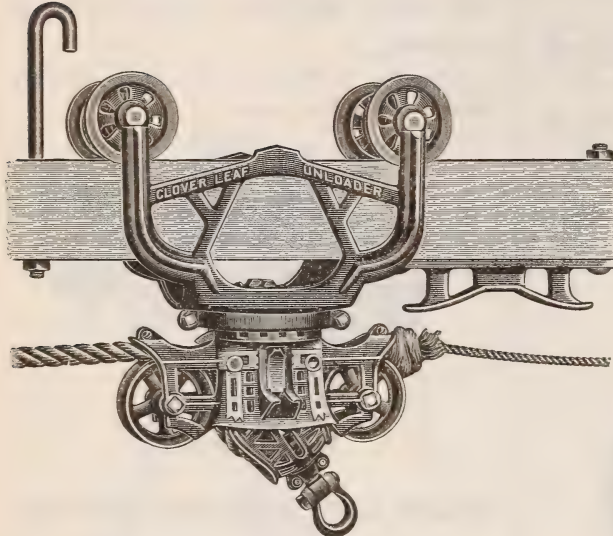


Fig. 1031.

The Myers Clover Leaf Unloader For Wood Track.

Swivel and Reversible, With 7-8 in. Axles and Oil Openings.

Figure 1032 represents the Clover Leaf Unloader as made for wood track. This carrier is fitted with a wide open mouth to receive the fork pulley. The rope sheaves and track wheels are all fitted with large turned bearings. The machine is both swivel and reversible combined in the one machine. By this device the machine can be reversed by reversing the swivel or by drawing the rope through from end to end. It fills all the requirements and enables the dealer to supply all customers with one style of machine.

Price \$4.00.

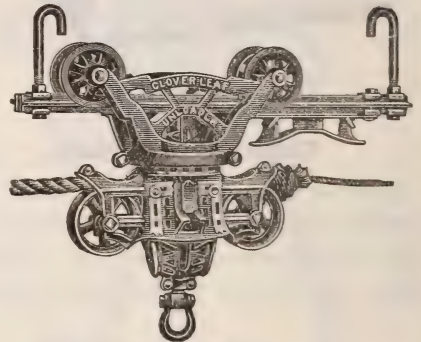


Fig. 1032.

Myers Patent Double Steel Track.

Price per foot \$.11



Myers Double Steel Track Hanger Hooks.

Price per dozen \$.75

Myers Jointed Steel Track Hanger Hooks.

Price 6 in. per dozen \$.85
Price 12 in. per dozen \$1.25

Steel Track
Hanger Hook.

Knockers, Stops, Wheels and a complete line of repairs for Myers Clover Leaf Unloaders.



WOOD TRACK HANGER HOOKS.

10 in. per doz.	\$.60
12 " " "	.65
14 " " "	.70
16 " " "	.75
18 " " "	.80

JOINTED HANGER HOOKS.

12 in. per doz.	\$1.25
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Wood Track Hanger Hook.

Jointed Hanger Hook.



RAFTER BRACKETS.

Per. doz.	\$.45
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FLOOR HOOKS.

5 in. per doz.	\$.85
3 " " "	.95



Floor Hook.

HAY FORK PULLEYS.



Fig. 1120.



Fig. 433.



Fig. 692.



Fig. 1133.

Fig. 1120, price each,	\$.35
Fig. 433, " "	.20
Fig. 692, " "	.20
Fig. 1133, " "	.25
Fig. 1124, malleable, price each,	.60
Stowell's, " "	.60

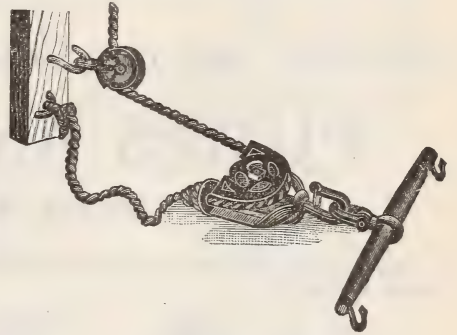
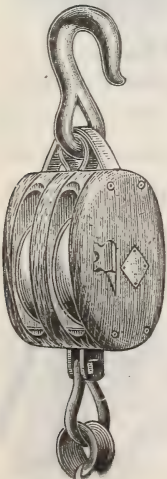


Fig. 628 Snatch Block Pulley.
Price each \$.60.

Tackle Blocks. Common.



Tackle Block.

SINGLE.	
3 in. each	\$.28
4 " "	.34
5 " "	.36
6 " "	.44
7 " "	.52
8 " "	.66
10 " "	1.10
12 " "	1.78

DOUBLE.	
3 in. each	\$.52
4 " "	.64
5 " "	.70
6 " "	.80
7 " "	.96
8 " "	1.14
10 " "	1.80
12 " "	3.00



Double Harpoon Hay Fork.

25 in.	\$1.00
31 in.	1.25



Swivel Rope Hitch.
Price each .25.



Steel Grapple.
Price each .50.

Tackle Blocks. Patent.

SINGLE.		DOUBLE.	
3 in. each	\$.44	3 in. each	\$.80
4 " "	.48	4 " "	.90
5 " "	.50	5 " "	.94
6 " "	.60	6 " "	1.14
7 " "	.68	7 " "	1.34
8 " "	.90	8 " "	1.66
10 " "	1.40	10 " "	2.40
12 " "	2.12	12 " "	3.68

ESTIMATES FOR HAY CARRIER OUTFITS.

Estimate of material required for a Steel Track Outfit for different length barns:

For a 40-foot barn, One Carrier, 36 ft. Track, 12 Hanger Hooks, 12 Rafter Brackets, 1 Harpoon, or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 120 feet 3-4 in. Manila Rope, 50 feet 3-8 in. Check, Rope 1 Rope Hitch.

For a 50-foot barn, One Carrier, 48 ft. track, 15 Hanger Hooks, 15 Rafter Brackets, 1 Harpoon or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 160 feet 3-4 in. Manila Rope, 55 feet 3-8 Check Rope, 1 Rope Hitch.

For a 60-foot barn, One Carrier, 54 ft. Track, 20 Hanger Hooks, 20 Rafter Brackets, 1 Harpoon or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 185 feet 3-4 in. Manila Rope, 65 feet 3-8 in. Check Rope, 1 Rope Hitch.

Above estimates of Rope are for an *End Hoist*. In hoisting from centre of barn less Rope will be necessary.

Special Notice.

When requesting quotations do not fail to give exact length of barn, whether Ridge Pole or full Rafter and distance between rafters. Also state whether you expect to hoist from end or centre of barn.

Manila and Sisal Rope.

Diameter	Strength in lbs.	Feet to lbs.	Diameter	Strength in lbs.	Feet to lbs.
1-4	450	43	8-4 in.	3,900	6
5-16	750	30	7-8	5,600	4
3-8	950	24	1	6,750	3 1-3
7-16	1,200	19	1 1-8	9,150	2 1-3
1-2	1,700	13	1 1-4	10,600	2 1-2
5-8	3,000	7 1-2			

Cotton Rope, Wool Twine, Sacking Twine. Flax Twine, Cotton Twine.

PUMPS AND SPRAYERS.

Myers Siphon Pumps.

Figure 695, No. 160, 2 1/2 Brass in. Cylinder Tapped for 1 1/2 in. pipe suction and discharge Capacity, 400 gallons per hour. Price \$10.50.

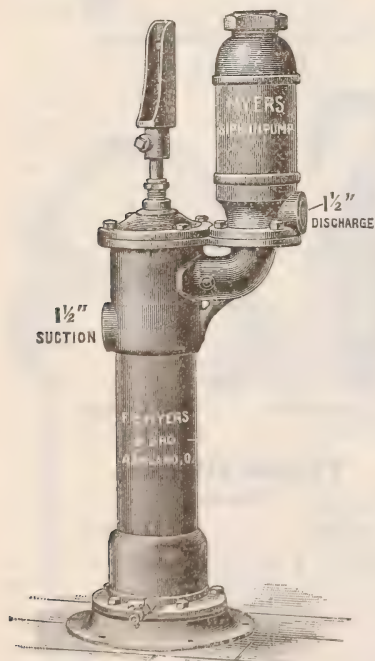
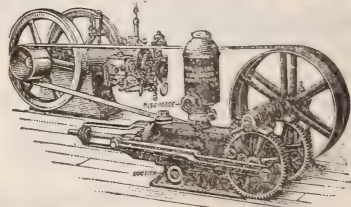


Fig. 695, Siphon Pump.

Myers Bulldozer Power Pump.

Fig. 959, No. 362, 3 in. Brass Lined Cylinder 5 7-12 and 10 in. stroke—3 1-2x16 in. Pulleys. Capacity 24 gallons per minute. Should be run 20 to 40 revolutions per minute. Price \$48.00. Larger sizes ordered if wanted.



Bulldozer Pump.

Myers Double Acting House Force Pump.

Fig. 902, No. 251, 3 in. Brass Cylinder, 1 1-4 in. Pipe, Cock Spout. Price \$6.25.

Fig. 922, No. 251, 3 in. Brass Cylinder, 1 1-4 in. Pipe Siphon Spout. Price \$5.25.

Myers House Lift Pump.

Fig. 964, No. 245, 3 in. Brass Cylinder. Price \$3.75.

Fig. 964, No. 247, 3 1-2 in. Brass Cylinder. Price \$4.25.

Myers Brass Cylinder Pitcher Pump.

Fig. 788, No. 220, 3 in. Brass Cylinder. Price \$3.25.



Fig. 788.

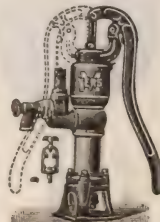


Fig. 902.

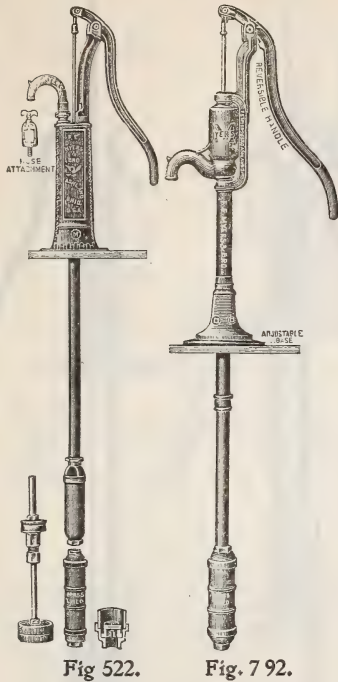


Fig 522.

Fig. 792.

Myers Combination Shallow and Deep Well Pump.

Fig. 522—No. 86—3 in. Brass Lined Cylinder, price \$9.75

Myers Adjustable Base Lift Pumps.

Fig. 792—No. 128½—3 in. Brass Lined Cylinder, price, \$5.25

Fig. 792—No. 130½—3½ in. “ “ “ “ 5.85

Fig. 792—No. 125—3½ in. Iron Cylinder, 4.50

Myers Adjustable Base Force Pumps.

Fig. 827—No. 135½—3 in. Brass Lined Cylinder, price, \$5.85

Myers Ratchet Handle Stock Lift Pumps.

Fig. 1170—No. R104—4 in. Brass Lined Cylinder, price, \$8.75

Myers Ratchet Handle Lift Pumps.

Fig. 1108—No. R154—3½ in. Brass Lined Cylinder, price, \$5.85

Myers Ratchet Handle Double Acting Force Pump.

Fig. 1138—No. R174—3½ in. Brass Lined Cylinder, price, \$6.50

Myers Ratchet Handle Combination Shallow or Deep Well Pumps.

Fig. 1109—No. R186—3 in. Brass Lined Cylinder, price, \$9.75

Myers Ratchet Handle, Branch Pipe, Double Acting, Force Pump.

Fig. 1160—No. R16—3½ in. Brass Lined Cylinder, price, \$10.50

The Faultless, Low Down, Double Acting, Force Tank Pump.

Fig. 805—No. 269—Fitted for Hose and 2 in. pipe.

Price, \$9.75

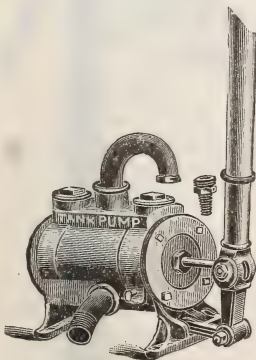


Fig. 805

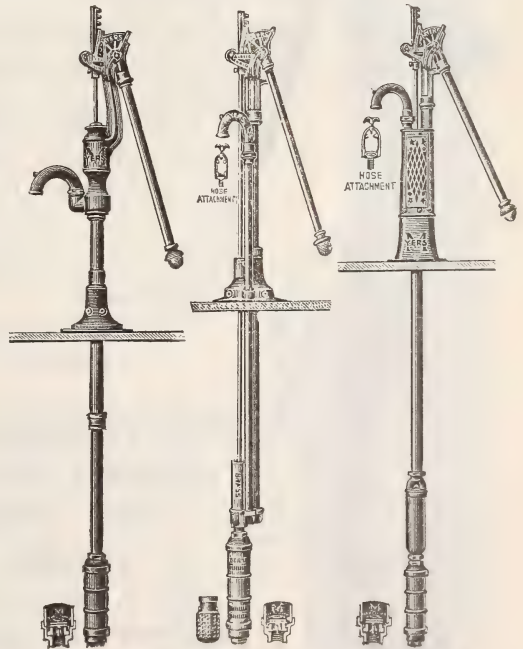


Fig. 1108

Fig. 1160

Fig. 1109

Myers Windmill Regulator Force Pump.

Fig 406—No. 243—2½ or 3x14, Brass Lower Cylinder,
Price, \$20.00

Myers Imperial Single Acting Windmill Force Pump.

Fig. 867—No. 236A—2½ or 3x14, Brass Lower Cylinder,
Price, \$14.25

We carry a very complete line of repairs for
all Myers House and Outdoor pumps.

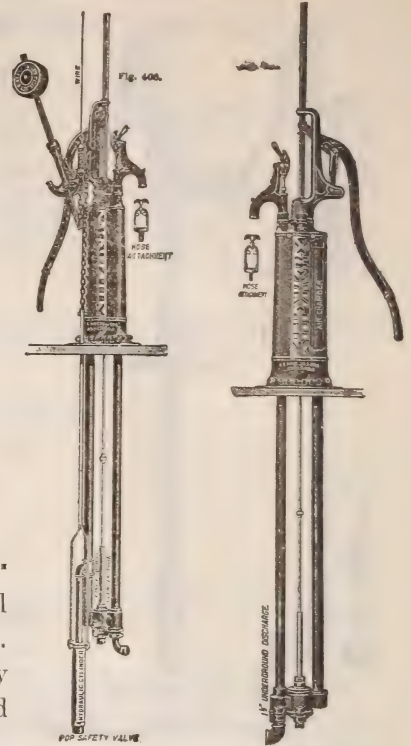


Fig. 867.

Fig 406.

Cucumber Wood Pumps.

The very best of material
is used in our wood pumps.
They are superior to any
made of Cottonwood and
will not taint the water.

Prices.

6 ft Plain,	\$3.00
7 " "	3.25
8 " "	3.50
10 ft. "	4.00
6 ft. Porcelain Lined	\$3.75
7 " " "	4.00
8 " " "	4.25
10 " " "	4.75
12 " " "	5.50
Tubing per ft.	.10

All repairs for Wood
Pumps.

20th Century Cor- rugated Galvan- ized Steel Pumps.

Neat in design, thorough
in construction superseding
old style wooden ones.

They never freeze as the
corrugation permits expansion. They never check,
rot or split, and do not taint
the water.

Prices.

6 ft.	\$4.25
7 ft.	4.50
Lock Seam Gal- vanized Tubing for above pumps, Per ft.	.10



20th Century



Myers Potato Sprayer.

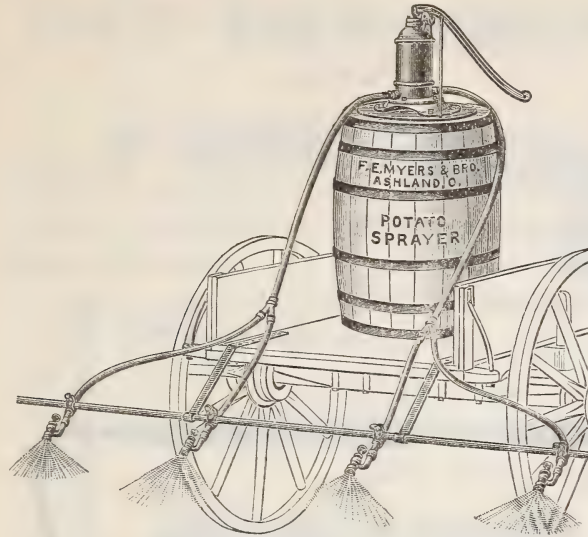
The most practical potato sprayer ever put on the market; it can be attached to any wagon, is very simple in construction and durable, nothing about it to get out of order.

This sprayer was gotten up to meet the demand for a practical and efficient sprayer at a low price. The power sprayers that have been put on the market during the last few seasons have proved very unsatisfactory, and at a price that is much more than the average farmer is willing to pay.

This sprayer can be readily adjusted to rows any width apart, the liquid is conducted from the pump by two lines of rubber hose, making the pressure on the nozzles uniform, thereby insuring a perfect spray from all the nozzles at once.

This sprayer is fitted throughout with brass connections, and high pressure rubber hose, the liquid not coming in contact with the iron pipe in any way.

In a great many of the sprayers that are put on the market, the liquid is conducted



to the spray nozzles through iron pipe, the action of the Bordeaux Mixture on this pipe soon corrodes it causing the pipe to clog and become unfit for use. The pump is of large size, strongly constructed, and very powerful. It is also very easy working, one man can easily drive the team and work the pump. This sprayer is always ready to do the work when wanted, it has no complicated parts to get out of order. It is sure, effective and cheap, and is so simple in construction that a child can understand it.

The pump has a dasher agitator which keeps the liquid thoroughly mixed, and is fitted to attach to the head of any oil or kerosene barrel, no extra charge made for fitting to side of barrel, if so ordered, all sprayers fitted with the genuine Vermorel Nozzles, as we consider them to be far superior. We can, however, furnish them fitted with the Bordeaux Nozzles, if so desired.

Every sprayer guaranteed to give perfect satisfaction. We do not furnish barrel with sprayer as they can be obtained nearer home at quite a saving in freight charges.

PRICES:

Myers Two Row Sprayer, \$12.00.

Myers Four Row Sprayer, \$15.00



Fig. 547. Myers Knapsack Spray Pump

The Myers Knapsack Spray Pump. With Patent Agitator, For Orchard, Vineyard or General Use.

A convenient outfit with which from four to six acres of vines can be covered in one day.

No. 330 Galvanized Tank, price, \$6.50
No. 331 Copper Tank, price, \$10.50

Brass Auto Spray.

Convenient, Durable, Efficient. Useful with Bordeaux and all solutions, also in applying cold water paint and whitewash. A practical machine for Potatoes, Tobacco, Small Fruits, Vineyards, Poultry Houses etc. Brass Extension Pipes, Torches, and Auto Pop Nozzles furnished as extras if wanted.

Prices.

No 1A with Stop Cock Nozzle, \$5.75
No. 1B with Auto Pop Nozzle, 6.50
2 ft. Brass Extension Pipe, each, .35
Brass Strainers, .85



Auto Spray Extension Pipe

Myers Improved Brass Barrel Spray Pump.

Fig. 702 No. 305.

Cylinder, Valves, Valve Seats and discharge all Brass. All working parts submerged in liquid hence no priming necessary. Has 5 ft. of $\frac{1}{2}$ in. discharge Hose and Vermorel Nozzel.

Price \$6.50

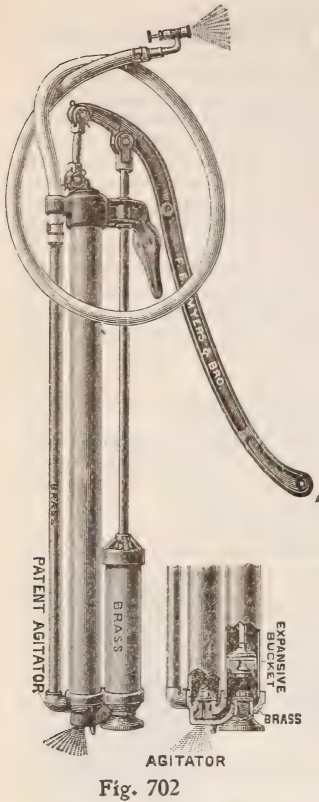
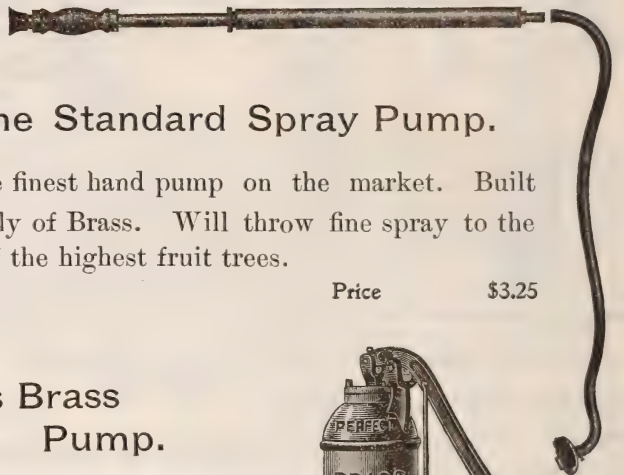


Fig. 702

The Standard Spray Pump.

The finest hand pump on the market. Built entirely of Brass. Will throw fine spray to the top of the highest fruit trees.

Price \$3.25



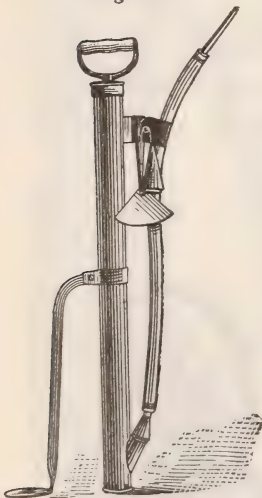
Brooks Brass Pump.

A good, serviceable, well made Brass Pump. Used a great deal for pumping out small boats.

Price, \$2.25

Myers Perfect Double Acting Spray Pump.

Fig. 655 No. 312.



Brooks Pump

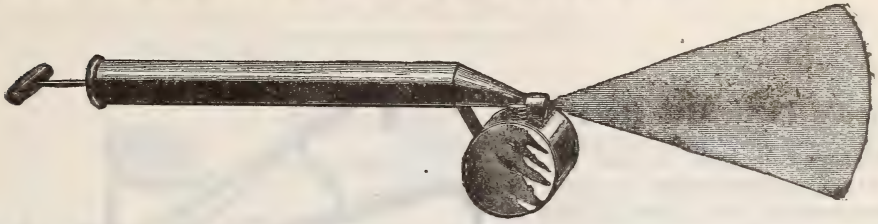
Has Brass Upper and Brass Lined Lower Cylinders, All Brass Plunger, Brass Check Valve, Brass Valve Seat, 1 inch suction Pipe, Strainer, Two Leads $\frac{1}{2}$ in. 3 ply discharge Hose each 5 ft. long, 2 Vermorel Nozzels, and Mechanical Agitator.

Price, \$11.00



Barrel Spray Pump Fig. 655

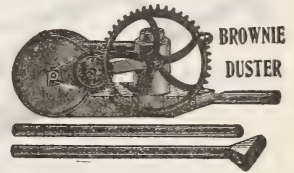
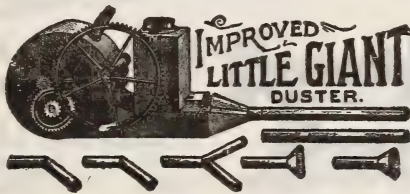
The Faultless Sprayer.



Made in Galvanized Iron and Tin. Throws a spray as fine as mist.
Kills, Drives Away and Exterminates Every Living Thing
Obnoxious to Yourself Your Animals or Your Crops.
 Is Adapted for the Destroying of every Kind of Insect.

No. 1 Faultless Sprayer, all Tin, price, \$.35
 No. 4 Faultless Sprayer, Galvanized Can, Tin Pump, price, \$.50

DRY POWDER DUSTERS.



Little Giant Dry Powder Duster.

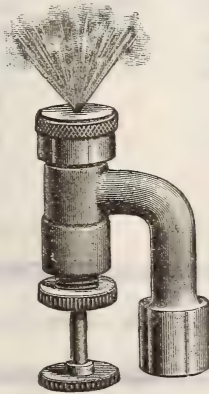
Machine weighs 6 pounds. Furnished with three tubes, five nozzles, and strap. Distributes any dry powder, Paris Green, etc. Dusts two rows at a time. Reservoir holds nearly a quart of powder.

Price, \$5.00

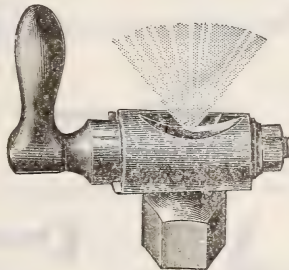
Brownie Dry Powder Duster.

Machine weighs 3½ pounds, has two 16 inch tubes, and one spread nozzle. In other respects similar to the Little Giant. Price \$3.50

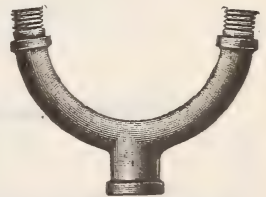
Spray Nozzles and Fittings.



Vermorel Nozzle, Price \$1.00.



Bordeaux Nozzle, Price \$1.00.



Brass Y, Price \$1.0

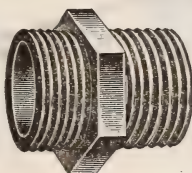


Fig. 540.
Brass Hose Nipples
¾ in., Price .30.



Fig. 1091.
Female End ¼ &
½, Price .30.



Fig. 549.
Male End ¼ &
½, Price .30.



Fig. 772.
Hose Reducer for ½ &
¼ in., Price .25.

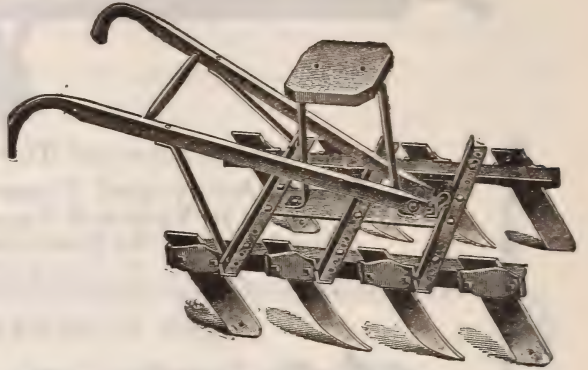
Fig. 480
Extension Pipe.
8 ft., Price .40.

Wm. T. Wood & Co's. Ice Tools.

Wood's Twin Cut Ice Plow.

This plow is designed to meet the demand for a cheap and efficient ice cutter for farmers and dairy men. It will cut from 20 to 40 tons an hour cutting the ice blocks of uniform size which saves much labor in packing.

Price, \$17.00



No. 409 Wood's Hand Plow.

Dairymen's Ice King Plows.

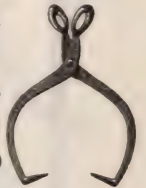
No. 320—8 inches, 5 cutting and 1 Clearing Tooth with 14 to 22 in. Patent Adjustable Swing Guide. Price, \$28.00

No. 321—10 inch, 5 Cutting and 1 Clearing Tooth with 14 to 22 in. Patent Adjustable Swing Guide, price \$33.00.



No. 540 Boston Ice Tongs.

13 in.	price,	\$1.25
14½ "	"	1.35
16½ "	"	1.45
24 "	"	1.60
26 "	"	1.70



Useful in marking first line on Ice Field. Price \$16.50



No. 604 Boston Ice Axes, price \$1.67.



No. 652 D. Handle 4 Point Shaver. Price \$2.25.

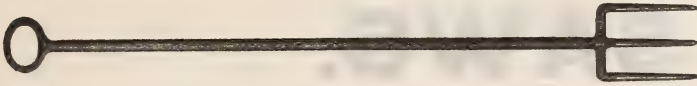


No. 667 D. Handle 3 Tine Breaker. Price, \$3.50.



No. 421—4½ ft.	Saw with Case,	price
No. 422—5 "	" " " "	"
No. 426—4½ "	" without " "	"
No. 427—5 "	" " " "	"

\$5.25
5.50
4.75
5.00



No. 486 Ring Handle 3 Tine Needle Bar.
Price \$4.50 each.



No. 443 Ring Handle Splitting Fork.
Price \$4.50 each.



No. 476. Ring Handle Splitting Chisel.
Price \$2.50 each.



No. 465. Starting Chisel. Regular Pattern.
Price \$3.50 each.



No. 458. Bar Chisel.
Price \$3.50 each.



No. 500. Line Marker.
Price \$.90.

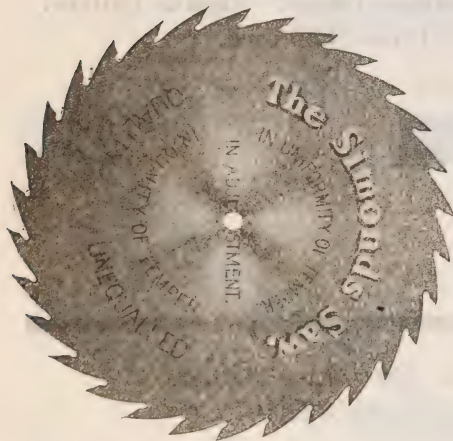
Ice Hooks.			Ice Hook Handles.			Common Tongs.	
3 ft.,	price	\$.75	3 ft.,	price	\$.10	14 in.,	price \$.70
3½ "	"	.75	3½ "	"	.10	17 "	" .80
4 "	"	.78	4 "	"	.15	20 "	" .90
5 "	"	.83	5 "	"	.15	24 "	" 1.00
6 "	"	.87	6 "	"	.20	26 "	" 1.10
7 "	"	.92	7 "	"	.20	Family Ice Tongs. Tinned.	
8 "	"	1.00	8 "	"	.25		
						Price	\$.20

A very complete line of Ice Tools, cheaper in price than Woods.

Plow Ropes—Grapples—Hoisting Tongs—Ice Augers—Scoop Nets, etc.
Any Wood's Ice Tools not carried in stock can be furnished at short notice,

SAWS.

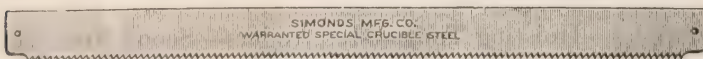
Simonds' Celebrated Saws.



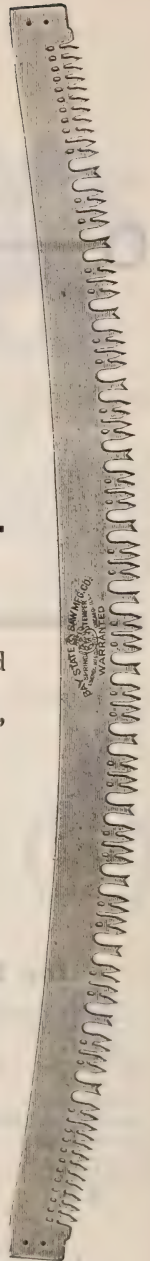
Crescent Ground Felling and Cross Cut Saws.

Circular Saws, Framed Wood Saws, Ice Saws, One Man Saws, Hand Saws, Pruning Saws.

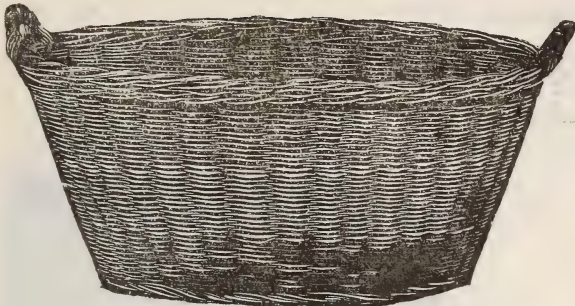
Wood Saw Webs, Wood Saw Rods, Cross Cut Saws, Any Style Tooth, Cross Cut Saw Handles, Crescent Saw Tools.



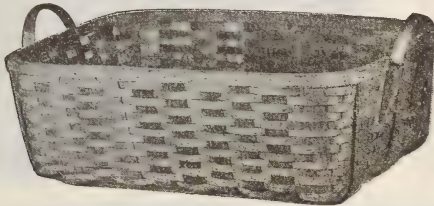
Send for descriptive circular and prices.



BASKETS.



Oval Willow Clothes Basket.



Ash Oblong Clothes Basket.

Loop or Hole Handles.

Small, \$.75; Medium, \$.90; Large, \$1.10



Grocer's Counter Baskets.

No. 1, \$.30 No. 2 \$.25. No. 3, \$.20



Ash Lunch Baskets.

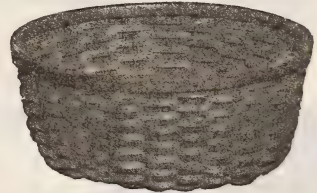
No. 1—23x13x11	.70
No. 2—21x12x9,	.60
No. 3—18x10½x8½,	.50
No. 4—15x9x8,	.45
No. 5—14x9x7½,	.40
No. 6—13x8x6½,	.35
No. 7—12x7x6,	.30

Oval Willow Clothes Baskets.

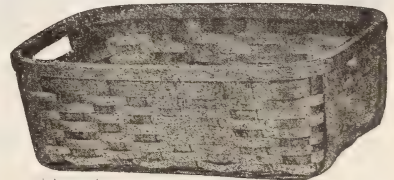
Small,	price	\$.65
Medium,	"	.75
Large,	"	.85
Extra Large,	"	.95



Round Oak Clothes Basket. Price \$.30



Barrel Display Basket. Price \$.35.



Ash or Oak, Strapped Market Baskets, Hole or Bail Handle.

No. 1, \$.40. No. 2, \$.35. No. 3, \$.30.

Picking Baskets with Drop Bail.

½ bushel,	\$,.30 and \$.35
¼ "	\$.25



Picking Baskets.



Oak Baskets, Round, Strapped and Nailed Rim.

No. 1—1 Bu.	\$.55 each.
No. 1—2 “	.85 “
No. 2—1 “	.50 “
No. 2—2 “	.75 “
No. 3—1 “	.45 “

Oxford Baskets.

$\frac{1}{4}$ Bu.	\$.25 each.
$\frac{1}{2}$ “	.35 “
1 “	.50 “
$1\frac{1}{4}$ “	.55 “
$1\frac{1}{2}$ “	.65 “
2 “	.85 “
3 “	1.25 “
4 “	1.50 “



Oxford Grocer Baskets.

1 Peck,	.25 each.
$\frac{1}{2}$ Bu.	.30 “

Corn Packers' Baskets.

Price,	\$.65
--------	--------

Open End Wood Baskets.

Cedar, Ash, Reed and Willow.
Prices, \$.50 to \$3.00.

Laundry Baskets.

Reed and Willow.

Prices,	\$1.75 to \$3.25
---------	------------------

Lane's Canvas Wood

and Coal Baskets.



Laundry Baskets.

4 Bu.	\$1.50 each.
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Ash Hampers Covered.

No. 1—21x21x29	\$2.00 each.
No. 2—17 $\frac{1}{2}$ x17 $\frac{1}{2}$ x26	1.75 “

Office Baskets.

Reed, Grass and Willow.

Close and Open Weave.

Prices,	.50 to \$2.00 each.
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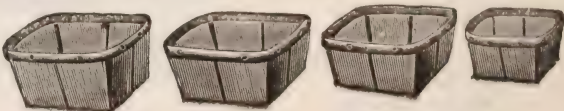
Cat and Dog Baskets.

16 inch,	\$1.75 each.
18 “	2.00 “
20 “	2.25 “

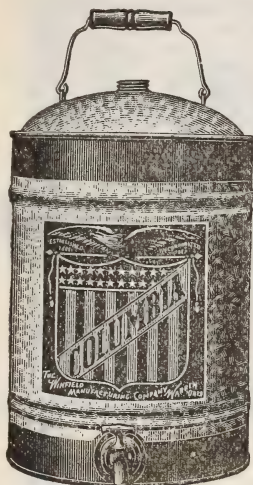
Pansy Baskets.

Berry Baskets.

- 1 Quart Open Cover.
 - 1 “ Tight “
 - 1 Pint Oval Raspberry.
- Write for Prices.



Galvanized and Tin Ware.



Galvanized Oil Cans.

3 Gal. Columbia,	price	\$.60
5 " " "	"	.70
5 " Monarch,	"	.80
5 " Climax,	"	.85
5 " Diamond,	"	.85
5 " Home Rule,	"	1.10
5 " Household,	"	1.25
1 " Polo,	"	.25
2 " " "	"	.30
1 " Crystal Valve,	"	.35



1 Bushel Galvanized Utility Baskets.

Price

\$.65 each.



Galvanized Wash Tubs

No. 11—20 1-2x17 3-4x10 1-2,

Price, \$.75

No. 22—22 3-4x19 1-2x11,

Price, \$.80

No 33—24 1-2x21x11

Price, \$.90



Galvanized Baskets.



Galvanized Garbage Cans with Cover.

Price, \$.90

Galvanized Watering Pots

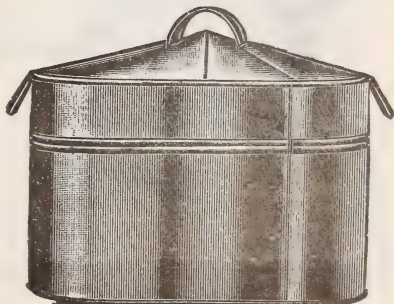
6 quart,	\$.50
8 " "	.55
10 " "	.65
12 " "	.75
16 " "	.90



Garbage Cans.

Wash Boilers.

No. 8, 1x Tin Bottom,	\$.90
No. 9, 1x " "	1.00
No. 8, 1x Copper,	1.30
No. 9, 1x " "	1.40
No. 8, 14 Oz. all Cop-	
per,	3.25
No. 9, 14 Oz., all Cop-	
per,	3.50

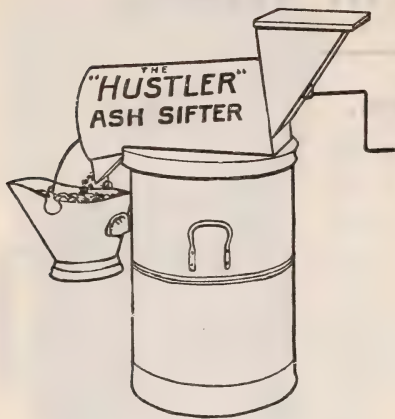


Galvanized Chamber Pail.

No. 3 1-2,

price,

\$.45



The Hustler Rotary Ash Sifter.

Sifts the Coal Clean without Dirt or Dust.

Price No. 1 Fits 18 in. Can or Flour Barrel, \$4.50
Price No. 2 " 20 " " " Sugar " 6.75



Galvanized Coal Hods.

No. 616 Price .30. No. 617, Price .35. No. 618, Price .40.

Dinner Pails.

No. 030, .45 No. 040, .50

Dust Pans.

No. 4 Price .10 No. 90 Steel Edge Price .20

Brooms and Brushes.

Our line of Brooms is a carefully selected one, especially in the better grades.



Whisk Brooms.

10 to 35 cents each.

Leather Back Horse Brushes.

From 30 to 75 cents each according to quality.

Dandy Horse Brushes.

No. 0, price \$.15
No. 10, " .20
No. 40, " .25
No. 75, " .35
New Century, .35
Imperial, .50

Window Brushes.

No. 50, price .50
No. 60, price .60
No. 70, price .70

Nail and Vegetable Brushes.

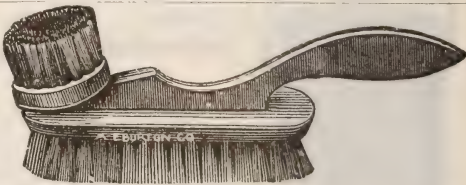
No. 2 | o, price .05
No. T, price .00
Handy House .18

Stove Brushes.

No. 5, price .20 No. 31 B, price .25
No. 41 C, price .25 No. 45, price .30

Shoe Brushes.

No. 106, price .20 No. 171, price .20.
No. 524, price .25.



Ostrich and Turkey Dusters.

Ostrich, .80 to \$2.25
Turkey, .30 to 2.00

Scrub Brushes.

No. 0 White \$.15
1 " .18
80 " .20
90 Black .25
70 2 Row Rice Root .08
77 3 Row Rice Root .10

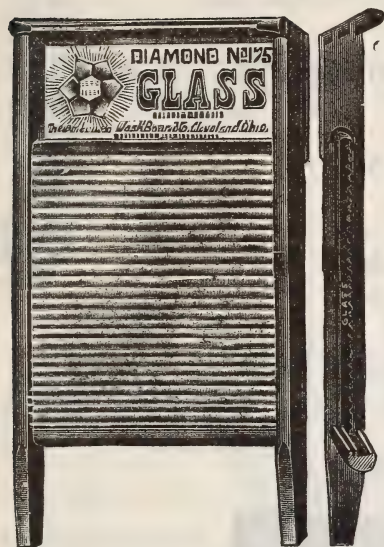
Counter or Dust Brushes—Set Bristles.

No. 2, Price .25
3, " .35
4, " .40
5, " .50

Floor Brushes.

No. 8, Price \$1.00
10, " 1.25
12, " 1.50
14, " 1.75
A 16 " 2.75
A 18 " 3.00

Woodenware.



Washboards.

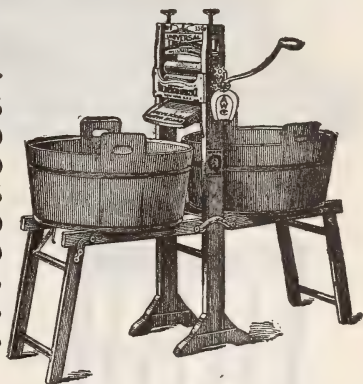
No. 126,	Ruby,	\$.30
No. 100,	Northern Queen,	.35
No. 101,	Tidal Wave,	.30
No. 175,	Diamond Glass,	.40
No. 139,	Brass Crown,	.40
No. x,	Plain Crimp,	.25
No. 130,	Little Gem,	.20
No. 39,	Seal Star,	.30
No. 24,	Good Luck,	.35
No. 725,	Naiad,	.30
No. 570,	Special Star,	.30

Wringers.

American Wringer Company's Celebrated Horse Shoe Brand.

No. 590,	Royal, wood frame,	\$3.75
No. 541,	" " "	4.00
No. 380, W	Universal,	3.50
No. 381, W	"	3.75
No. B380,	" with bench,	4.50
No. 150,	Household, wood frame,	2.40
No. B150,	" with bench,	3.75
No. 100,	Daisy, iron frame,	2.15
No. 330,	Relief " "	2.75

Wringer Rolls and Repairs.



Washing Machines.

The Majestic.

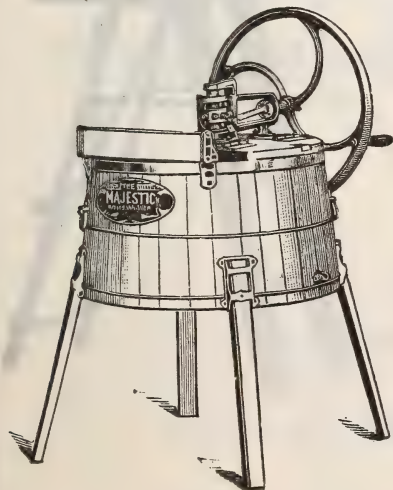
The Majestic has Roll-er Bearings, Virginia White Cedar Tubs, Electrically Welded Hoops. The best Washer made.

Price, \$6.00

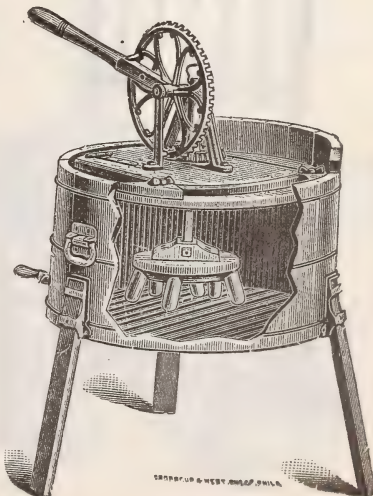
The Lightning.

A good first-class machine made of Virginia White Cedar.

Price, \$3.50



Majestic.



Lightning.



Out Door Clothes Dryers.

Manila or Cotton Line.

No. 1, 120 ft. \$2.50. No. 2, 160 ft. \$3.00

Wash Benches.

Boston, .75 No. 1 Paris, \$1.00

Wood Bowls.

11 in.	price	\$.10
13 "	"	.15
15 "	"	.25
17 "	"	.40
19 "	"	.50
21 "	"	.65

Pastry Boards.

16x22 each	\$.40
18x24 "	.50

Oak Butter Boxes With Bail.

Large .35 each. Small .25 each.

Selected Maple Chopping Trays.

No. 0 18x10	\$.30
1 19½x10½	.35
2 21x11	.45
3 22x12	.60
4 23½x13	.80

Skirt Boards.

4 ft. each	\$.55
4½ ft. "	.65
5 ft. "	.75

Bread Boards.

19x24 each	\$.65
22½x27 each	.80



Kraut and Vegetable Cutters.

No. 0. Vegetable	\$.15
2co. Slaw	.25
5. Kraut	1.75
14½x37 Kraut	2.50

Sugar Buckets,
Oil Can Caps,

Saw Bucks,
Barrel Covers,

Well Buckets,
Pickle Dippers.



Step Ladders.

Paris 3 to 10 ft.

Price
.30 per ft.

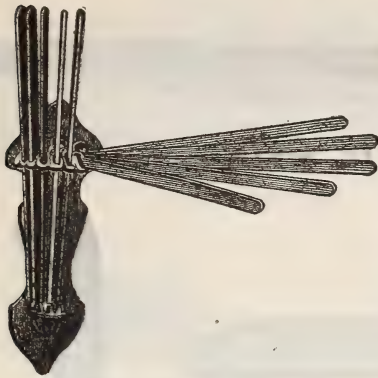
Gem 3 to 10 ft.

Price
.20 per ft.

Step Ladder Chairs.

No. 1 each
\$1.25.





Empire Dryer.

**EMPIRE WALL
CLOTHES
DRYER.**

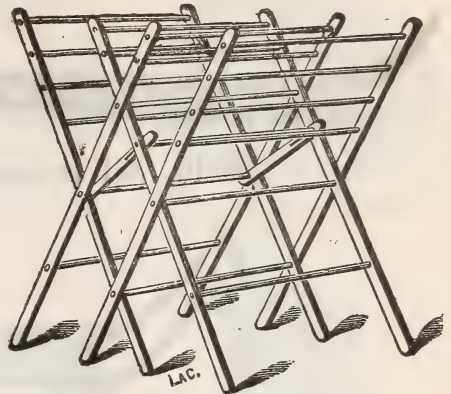
Price, each, 65c.

**SPRUCE
CLOTHES
HORSES.**

No. 3, 60c.

3½, 70c.

4, 80c.

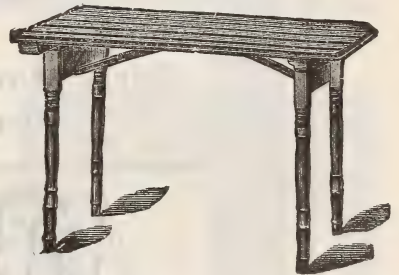
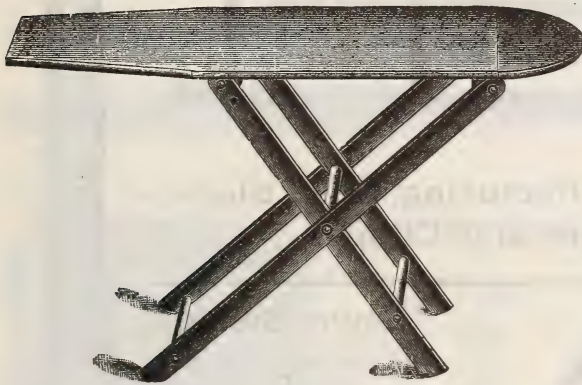


Clothes Horse.

Folding Ironing Table.

No. 1. 58x19, each \$1.50

No. 2. 54x16, " \$1.35



Folding Ironing Table.

Folding Sewing Table.



Sktds 8 ft. long, Price \$3.25

No. 000. 36x19, \$.90 each

No. 0. 36x20, 1.50 each



Folding Card Tables.

No. 21 24x24, \$2.00 each

No. 23 27x27, 2.25 each

U. S. Extension Ladders.

20 foot,	each	\$4.00
24 "	"	5.50
28 "	"	7.00
32 "	"	8.00
36 "	"	9.00
40 "	"	10.00

Common Ladders.

10 to 18 ft., per ft. \$.15

Indurated Fiber Ware.



Measures.

Spittoons.



Pail.

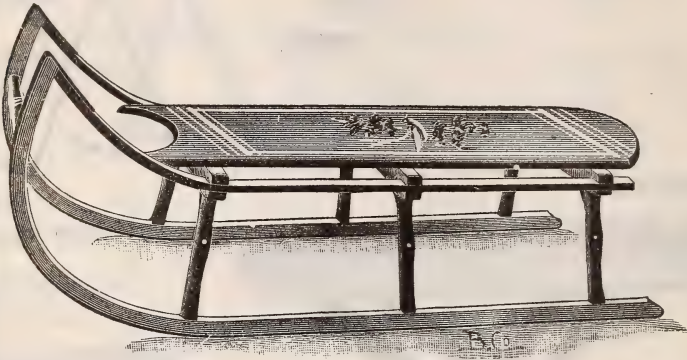


Tub.

A Full Line Of Fiber Ware.



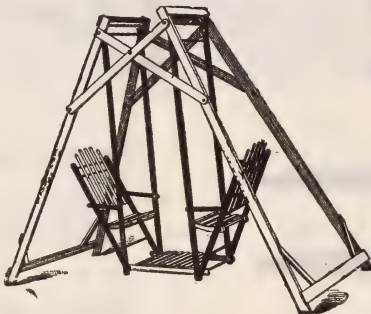
Skis, all prices, \$1.50 to \$5.00.



Paris Manufacturing Co's. Sleds, Frame and Clipper.



Hitching Posts

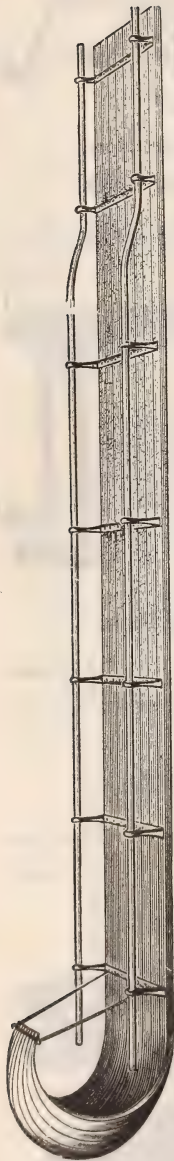


Lawn Swings.

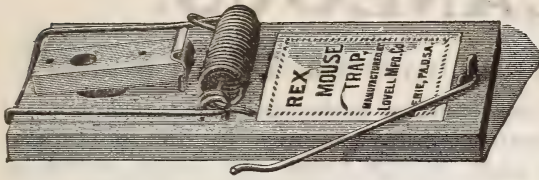
- No. 6, Favorite, Two passengers, each \$3.50
- No. 2, Fairfield, Two passengers, each 4.50
- No. 5, Fairfield, Four passengers, each 5.25
- No. 2, Paris M'fg Co's Two Passenger Cars, 6.00
- No. 3, Paris M'fg Co's Four Passenger, each 8.50

Trellises.

No. 00, 18 in., 3 1-2 wide,	\$.05
No. 00, 20 " 8 "	.08
No. 0 1-2, 24 " 7 1-2 "	.20
No 1, 30 " 10 "	.25
No. 3, 36 " 12 "	.45
1 1-2, ft. Fan, 7 in.	.10
2 " " 10 " "	.15
2 1-2 " " 13 " "	.30
3 " " 16 " "	.45
4 " " 27 " "	.65
6 " " 38 " "	1.00
8 " " 46 " "	1.25
6 " Veranda, 18 in. wide,	.95
8 " " 18 " "	1.25
10 " " 30 " "	1.75



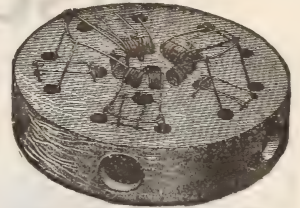
Toboggans in Many Styles.



Rex Mouse Trap.

MOUSE TRAPS.

French Pattern.25
Rex, .05
5 Hole Tin .10
5 Hole Wood.10



5 Hole Mouse Trap.



Erie Rat Trap.

RAT TRAPS.

French Pattern,.40. Erie .20. Rex .20.

MOP STICKS.

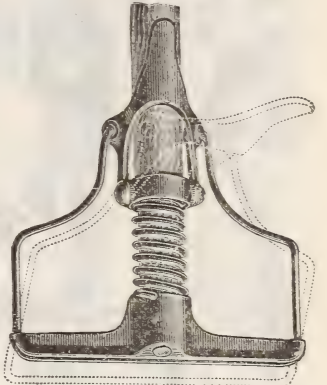
No. 7 Ideal .10. No. 8 Ideal .10.
No. 4 Taylor .10.



Faucet.

WOOD FAUCETS.

6 in. Leather Lined
7 " " "
8 " " "
10 " " "
8 " Metal Key
10 " " "



Ideal Mop Stick.



Meat Tub.

Stoneware.

MEAT TUBS.

Capacity	Price
8 Gallons each	\$.90
10 " "	1.25
15 " "	1.75
20 " "	2.25
25 " "	3.00
30 " "	3.50
35 " "	4.50
40 " "	5.00
50 " "	6.00



High Butter Jars.

HIGH BUTTER JARS AND COVERS.

Capacity	Price
1 Gallon each	\$.20
1 1-2 " "	.25
2 " "	.30
3 " "	.40
4 " "	.50
5 " "	.60
6 " "	.70



BEAN POTS.

Capacity	Price
1 Quart	\$.10
2 " "	.15
3 " "	.20
4 " "	.25
5 " "	.30
6 " "	.35

JUGS.

Capacity	Price
4-2 Gallon	\$.15
3 " "	.20
1 " "	.30
2 " "	.40
5 " "	.50



PEERLESS FREEZERS.

Capacity	Price
1 Quart each	\$1.50
2 " "	1.75
3 " "	1.90
4 " "	2.25
6 " "	3.00
8 " "	3.90
10 " "	5.00
12 " "	6.00



PEERLESS ICE CREAM FREEZERS.

Three minutes is the freezing time. Patented stationary dasher is responsible for quick freezing. Motion is necessary in the cream not in the machine. Cream gets more motion in the Peerless Iceland than in any other freezer. All Sizes.

MISCELLANEOUS.



Universal Bread Maker.

The Universal Bread Maker.

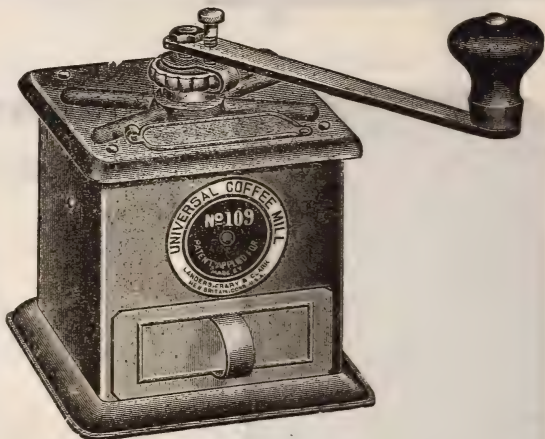
Three minutes in this easy and pleasant way. Twenty to thirty minutes by the old way. The hands do not touch the dough, which is mixed and kneaded thoroughly in three minutes by this machine.

Price No. 4, \$2.00

Price No. 8, 2.50

Universal Food Chopper.

No. 0.	Chops	1½ lbs.	per minute,	\$.75
No. 1.	"	2 "	" "	1.00
No. 2.	"	2½ "	" "	1.20
No. 3.	"	3 "	" "	1.50
No. 304.	"	4 "	" "	3.50
No. 344.	"	4 "	" "	5.50



Universal Steel Hand Coffee Mills.

Black Enamel Finish, Handsomely ornamented, patent adjusting device. Grinds as fine or coarse as wanted. Grinders warranted equal to steel.

No. 109, Height 6 in. Price \$.60

No. 110, " 8 1-2 in. " .80

Egg Beaters.

No 5 Holt's Price \$.10

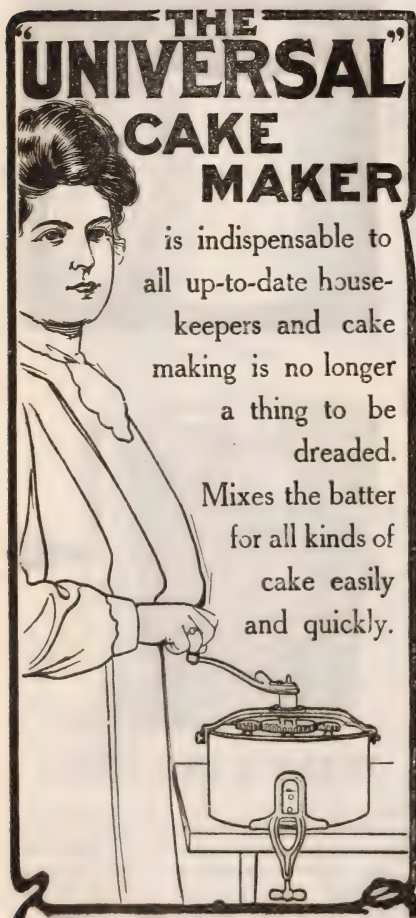
No. A. " " .15

No. B. " " .25

Lyons " .20



Holt's Egg Beater.

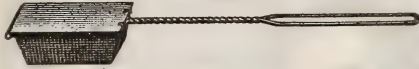


Universal Cake Maker, price \$1.75.



Peerless Ice Chipper

Ice in a freezer should be chipped fine and uniformly, so that it will mix well with the salt as this insures the best packing. The peerless Ice Chipper is the best tool for the purpose. Price .25

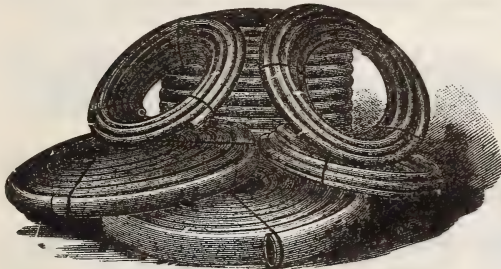


Sherwood Corn Poppers

2 quart price, 40 cents.

Common Corn Poppers

1 quart, 10 cents, 1½ quart, 13 cents.
2 " 15 " 4 " 25 "



Rubber Garden Hose

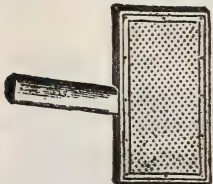
All grades ½ and ¾ in.
Prices 10 to 15 cents per foot.

Feed Bags

Mustang, each \$.55
Iroquois Warrior " .70
Iroquois King, " .80
Iroquois Queen, " .90

Cattle Cards

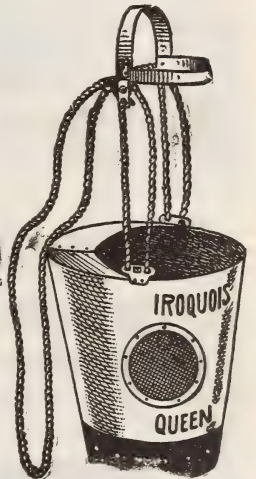
No. 04. Leather Board \$.05
No. 4. All Leather .07
No. 3. Leather Bound \$.08
No. 2. Wool .c8



Card

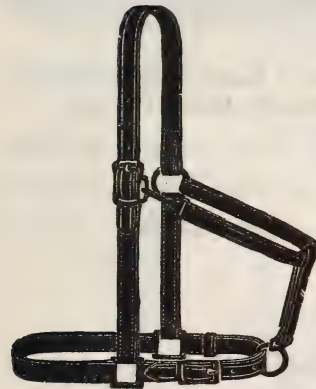


Hunter Curry Comb



Curry Combs

No. 5. Hunter's \$.20
No. 550. 6 bars, close back \$.15
No. 500. 6 bars, open back \$.10
No. 234. 8 bars, single back Reform, \$.20 [\$.20



Leather Halters

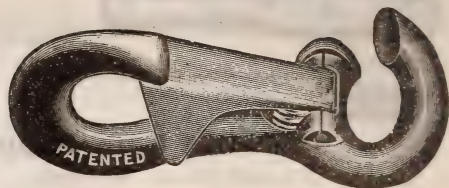
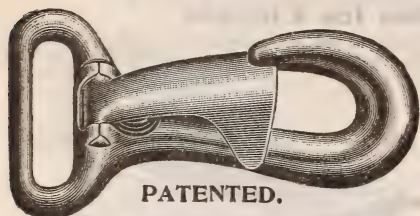
No. 789. russet, \$.80
No. 789. black, .80
No. 1. 5 ring russet, .60
No. 693. web, .20
No. 1. " fawn, .40



Rope Halters

No. 141. 1 Snap Jute, \$.15
No. 132. 2 " " .20
No. 161. 1 " Sisal, .20
No. 162. 2 " " .25
No. 410. 1 " Cotton, .30

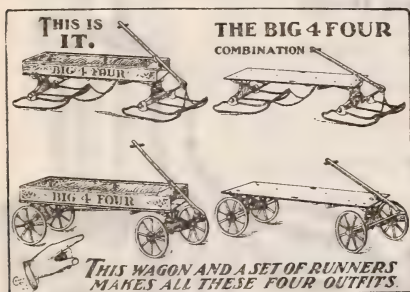




Imperial Harness Snaps.

These snaps are made for use where strength is necessary. They are more than twice the weight of ordinary snaps having same size loops. Imitation Rubber or Tinned finish at same price.

3-4 in., each 5c. 1 in., each 5c. 1 1-2 in., each 10c. 2 in., each 12c.
 7-8 in., each 5c. 1 1-4 in., each 8c. 1 3-4 in., each 10c. 3-4 in. swivel 8c.
 3-4 in., Round Eye, 5c. 1 in., Round Eye, 8c. Light Open Eye, 5c. Heavy Open Eye, 10c.



The White Wagon Co.'s Combined Coasting Wagons and Sleighs.

No. 1,	Pony,	11x30,	\$1.25
No. 2,	Teddy,	14 1-4x36,	2.50
No. 3,	Coaster Express,	14 1-4x36,	3.25
No. 5,	Coaster Express,	16 1-4x36,	4.00
No. 8,	Teddy U. T. D.,	18 1-2x38,	5.00
	Big 4,	18 1-2x44,	6.00

Can Openers.

King,	each \$.10
Never slip,	each .10
No 17,	each .05



The "Fountain" Lawn Sprinkler. One of the Really Good Things.

Made entirely of brass, no moving parts, nothing to get out of order. More beautiful than a fountain—more efficient than a shower.



Scollay's Bulb Sprinklers.

No. 2,	size,	12 oz.,	\$.85
No. 3,	size,	7 oz.,	.70
No. 4,	size,	4 1-4 oz.,	.50
No. 1,	Angle Neck,	12 oz.,	1.00
	Insect Powder,	12 oz.,	1.00



Kentucky Cow Bells.

No. 0,	7 in.,	\$.4
No. 1,	6 1-2 in.,	.3
No. 2,	5 1-4 in.,	.3
No. 3,	4 1-2 in.,	.3
No. 4,	4 in.,	.3
No. 5,	3 1-2 in.,	.1



Bulb Sprinkler.

Cold Chisels.



Price 1-2x6 .10 5-8x6 1-2 .15

Crowbars.



12 to 18 lbs. price per lb. .05

Short Cutter Matlock.



Price .60

Railroad Pick.



Price .50

Drive Punch.



Price 1-2x6 .10

Pick Matlock.



Price .60

Long Cutter Matlock.

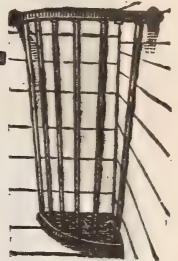


Price .60

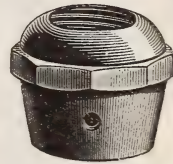
Contractors Pick.



Price .65



Stable Rack
Price \$1.50



Ox Balls.

No. 11 each	.05
No. 12 "	.06
No. 13 "	.07
No. 14 "	.08

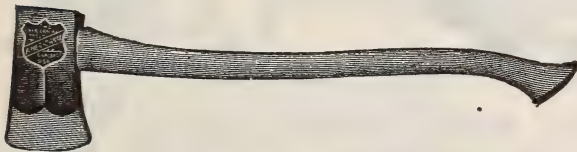
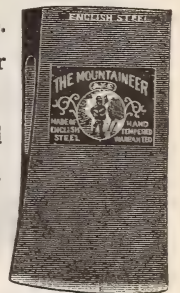


Grub Hoe.

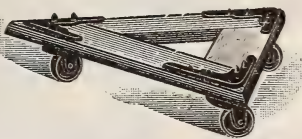
Price .50.

AXES.

Geo. B. Haskell Co.
and Mountaineer
Brands, in Maine,
Half Wedge, and
double Bit Patterns.



Grocer's Triangular Truck.
Price \$1.75.



Eureka Barrel
Truck.

Price \$1.50.



Warehouse Trucks.

One Half and Full Ironed.
Bag Trucks, Barrel Trucks.
Prices from \$1.75 to \$5.50.

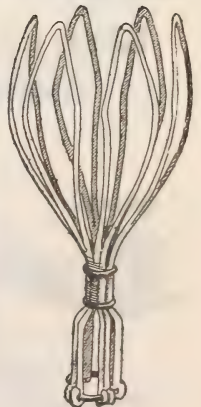


Heavy Barrel Trucks.

No. 1 \$3.00 No. 4 \$3.75



Manger.
Price \$1.25.



Fruit Pickers.

No. 5	.25
Automatic	\$1.25



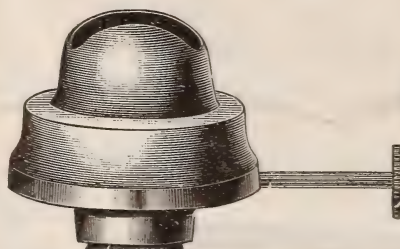
Lamp
Chimneys, all
makes & styles.

C. T. Ham Mfg. Co's Lanterns.

No. 0. Clipper,	Price \$.50
No. 2. " "	" .70
No. 2. Cold Blast,	" .90
No. 15. Dash Board,	" .75
No. 17. Cold Blast Dash Board,	" 1.15
No. 20. Search Light,	" 1.75
No. 40. " "	" 4.00
Diamond Driving,	" 2.25
No. 9. Street,	" 4.00



Common & Cold
Blast Lantern
Globes.



Lamp and Lantern
Burners.

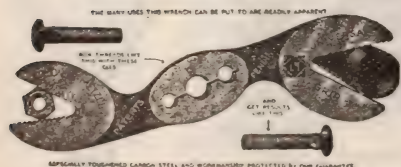
All Styles.

The White Perfection Mop Wringer.

It is the most practical wringer made and will last from two to four times as long as any mop wringer made.

No. 1. Hotel Size, \$1.75

No. 2. Family " 1.25

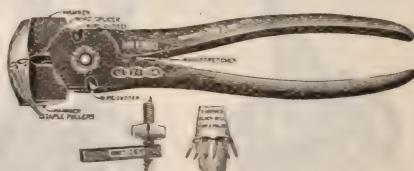


Universal Grip Wrench.

A Wrench and Thread Cutter, Frosted Nickel, Non-Rusting.

This tool has more uses than any wrench on the market. A necessity on the farm, in every shop and household.

Price \$.50, by mail \$.60.



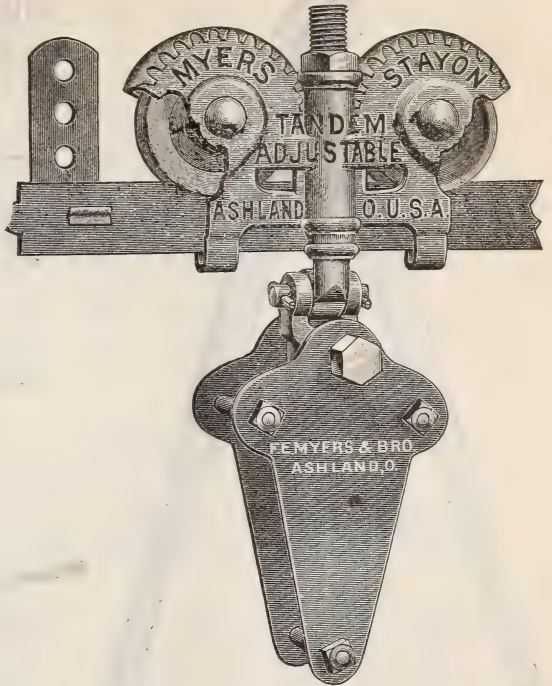
No. 1900 Russell Staple Pulling Pliers.

Drives Staples, Pulls Staples, Cuts Wire,
Splices Wire, Stretches Wire, Straightens Wire
Price \$.90

Myer's Adjustable Tandem Stay on Flexible Door Hanger, With Steel Roller Bearings.

This is the only hanger on the market that can be adjusted perpendicularly so as to locate the door at any point above the ground desired, or laterally so as to adjust the door to or from the building, and will also adjust itself to any thickness of barn door. The perpendicular and lateral adjustments are made with an ordinary wrench, and at the will of the user.

Price per pair, \$1.00
Rail for Tandem Hangers per foot, .06

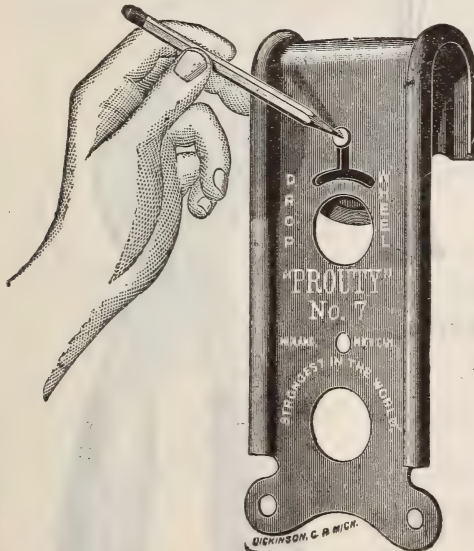


Barn Door Rollers.

Adjustable Hinges, each \$.15
No. 1, Bent to Screw, each .10
No. 4, Straight to drive, each .10

The Prouty Barn Door Hanger.

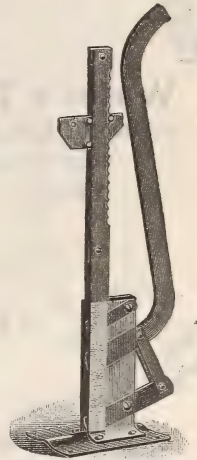
One of the very best manufactured. Guaranteed to carry 300 lbs. per pair, \$.65



Lane's Patent Wagon Jack.

Strong, Light, Compact.
No Wood, No Metal.
Double Lift Bar, Powerful Compound Levers.

NO.	TO LIFT	RANGE OF ADJUSTMENT.
1,	900 lbs.,	15 to 24 in., price, \$1.00
2,	1,800 lbs.,	17 to 26 in., price, \$1.50
3,	4,000 lbs.,	15 1/2 to 26 in., price, 3.00



Lane Jack

Eureka Wagon Jack

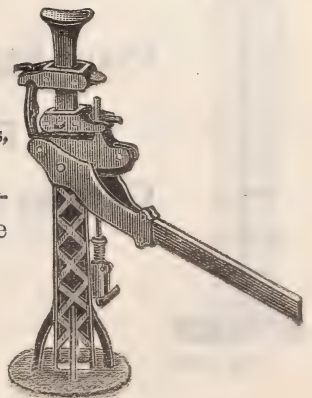
Weight 7lbs.

Capacity, 1 to 2 tons,

Constructed of Steel and Malleable Iron.

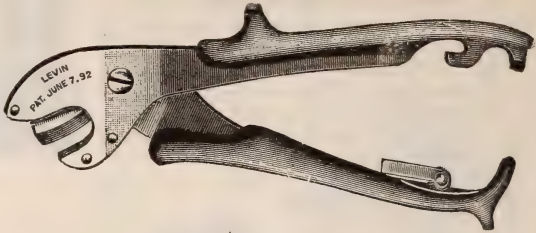
There is not a Bolt, Screw or Rivet used in its construction. Has double acting dogs, what one raises the other holds.

Eureka Wagon Jacks	16 inches high, price \$1.25
No 1 " Auto Lifting Jack	12 " " " 1.25
Eureka Trolley Lifting Jacks, Ex, Heavy	" 3.00





Clyde Draw Cut Pruner,
The most powerful pruner made.
No. 1. 25 inches, Price \$2.00



Levin Pruning Shears.
No. 23. Price \$.50
No. 24. Price .65



**Rockdale
Pruners.**
No. 35. 26 in., Price .75
No. 38. 41 in., " \$1.00

Water's Tree Pruners.
Very useful for trimming trees and cutting down moths nests.
8 foot, Price \$.90
10 " " 1.00
12 " " 1.15

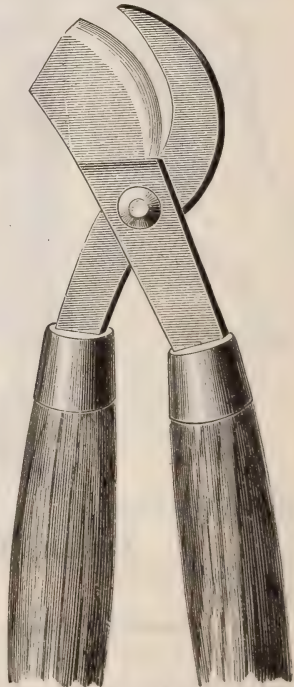
Water's Tree Pruner

Hartman Tree Guards.
No. 1. 6 ft., each \$1.00.



Tree Guard

- Pruning Knives.
- Grafting Chisels
- Plant Stands
- Post Hole Diggers
- Garden Sets
- Flower Pots

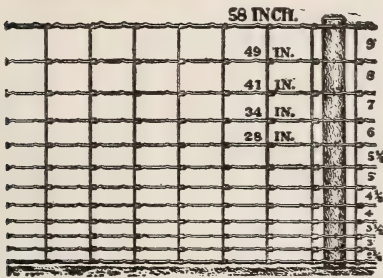


Rockdale Pruner

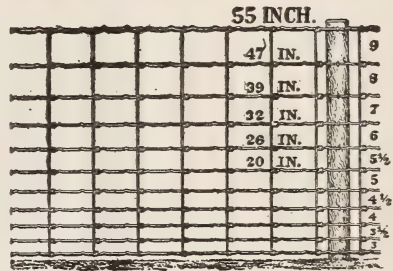
Hyacinth Glasses

Best values ever offered in Fencing are offered in American and Ellwood Wire Fencing. Special designs for Line Fence or for Horse, Cattle and Hog pastures. Also for Poultry, Rabbits, Foxes, etc. and low designs for running on stone walls. The Ellwood Fence is specially adapted for Lawns and Gardens, Cemeteries, etc.

HEADQUARTERS FOR AMERICAN FIELD AND HOG FENCE



Regular Style
Stays 12 in. or 6 in. apart



Special Hog, Horse and Cattle Style
Stays 12 in. or 6 in. apart

Made of large, strong, high-grade steel wires, heavily galvanized. Amply provides for expansion and contraction. Is practically everlasting. Never goes wrong, no matter how great a strain is put on it. Does not mutilate, but **does**, efficiently, **turn cattle, horses, hogs and pigs.**

EVERY ROD OF AMERICAN FENCE GUARANTEED

by the manufacturers and by us. Call and see it. Can show you how it will save you money and fence your fields so they will stay fenced.

Sold by nearly all Dealers.

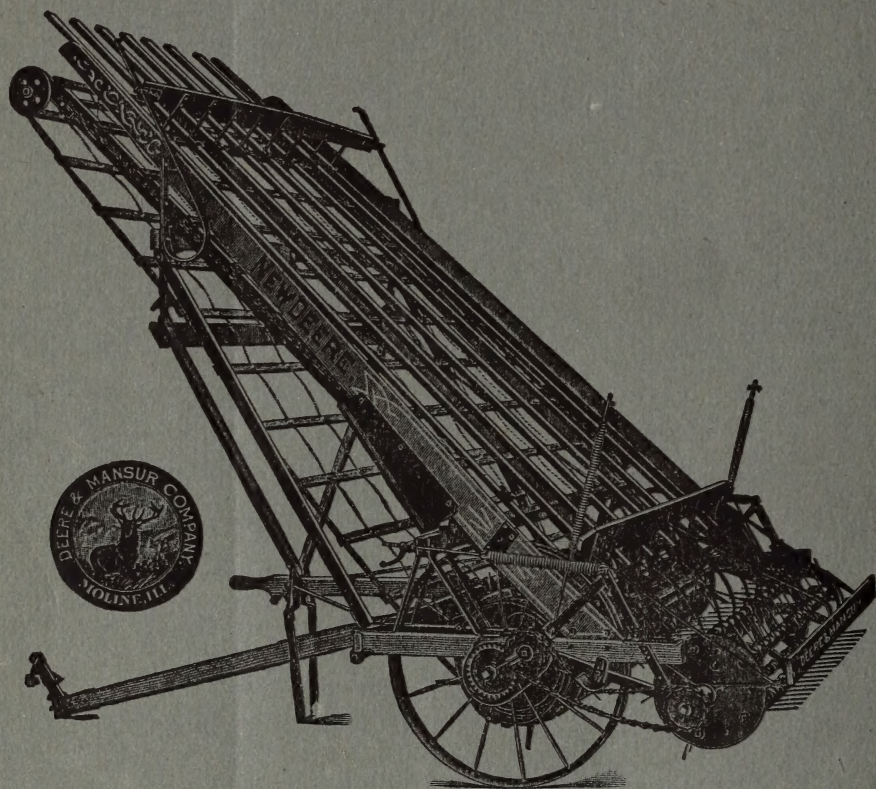
If there is no agent in your town write us for particulars and prices.

GEO. B. HASKELL,
General Agents,
Lewiston, Me.

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NEW DEERE HAY LOADER.

Works Where Others Fail.